

# **TSO and Database Research and Ad Hoc Queries**

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- 4.3 Logging On and Accessing NSLDS**
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## 4.1 NSLDS User Authorization

NSLDS contains loan-level information on students and institutions participating in the Title IV aid program that is subject to the restrictions of the Privacy Act of 1974. Access to, use, and disclosure of this information are controlled accordingly.

All users of NSLDS must be authorized by ED. Procedures for obtaining authorization to use the system are covered in Chapter 2 of this User Documentation. For ready reference, those procedures are summarized here:

1. You must be a member of a participating organization, such as ED, another Government organization or agency, or a school, guaranty agency (GA), or servicer approved by ED.
2. You must apply to ED, NSLDS Division, for a personal user ID.
3. You must hold the appropriate security clearance and have a need-to-know reason for accessing the data.
4. If you are a non-ED user, you must first be registered with the Title IV Wide Area Network (WAN) as your means of communication to the system and hold a valid Title IV WAN ID number before you can apply for an NSLDS account.
5. You must comply with the provisions of the Privacy Act of 1974 (as amended), and sign, or have previously signed during the security clearance process, a Privacy Act Acknowledgment Statement indicating your awareness and understanding of the Privacy Act restrictions and your agreement to comply with those restrictions.

## 4.2 Hardware and Software Requirements

The NSLDS central database is housed on a contractor mainframe at the NSLDS Data Center. You can access the system through your local workstation and the telecommunications media for which you are authorized. In order for you to access and use the NSLDS, your workstation must meet the following hardware and software requirements:

- **Terminal**—A device capable of IBM 3270 emulation, including IBM-compatible personal computers (PCs), Apple computers, terminals, and similar devices.
- **RAM**—A minimum 512K Random Access Memory (RAM).
- **Hard Drive**—Space requirements depend on the size of the files you download to your PC. When calculating the space needed to download a file, be sure to consider the amount of space used on your hard drive by your other applications.

- **Disk Drive**—A 3.5-inch floppy disk drive, either double density (DD) or high density (HD).
- **Modem**—A fully Hayes-compatible asynchronous modem capable of a 14.4 or 28.8 baud exchange rate.
- **Operating System**—IBM or MS-DOS, Version 3.3 or later.
- **Software**—3270 terminal emulation communications package, such as IBM Communication Manager, AttachMate, ProComm, or CrossTalk.

## 4.3 Logging on and Accessing NSLDS

NSLDS is normally available for online transactions at all times except the following maintenance periods. All times are Central time.

- Every week from 6:00 p.m. Saturday until 2 a.m. Sunday.
- Every week from 4:00 p.m. Sunday until 3:30 a.m. Monday.
- Every “off” week from 7:00 p.m. until 1:00 a.m., Monday through Friday. “Off” weeks occur every 13th week.

If maintenance or upgrade activities require that the system go offline outside these normal maintenance windows, the user community will be notified in advance.

There are several ways to access the NSLDS. Telecommunications routes for each access method are displayed in Figure 4–1. The following subsections provide instructions for using each of these methods.

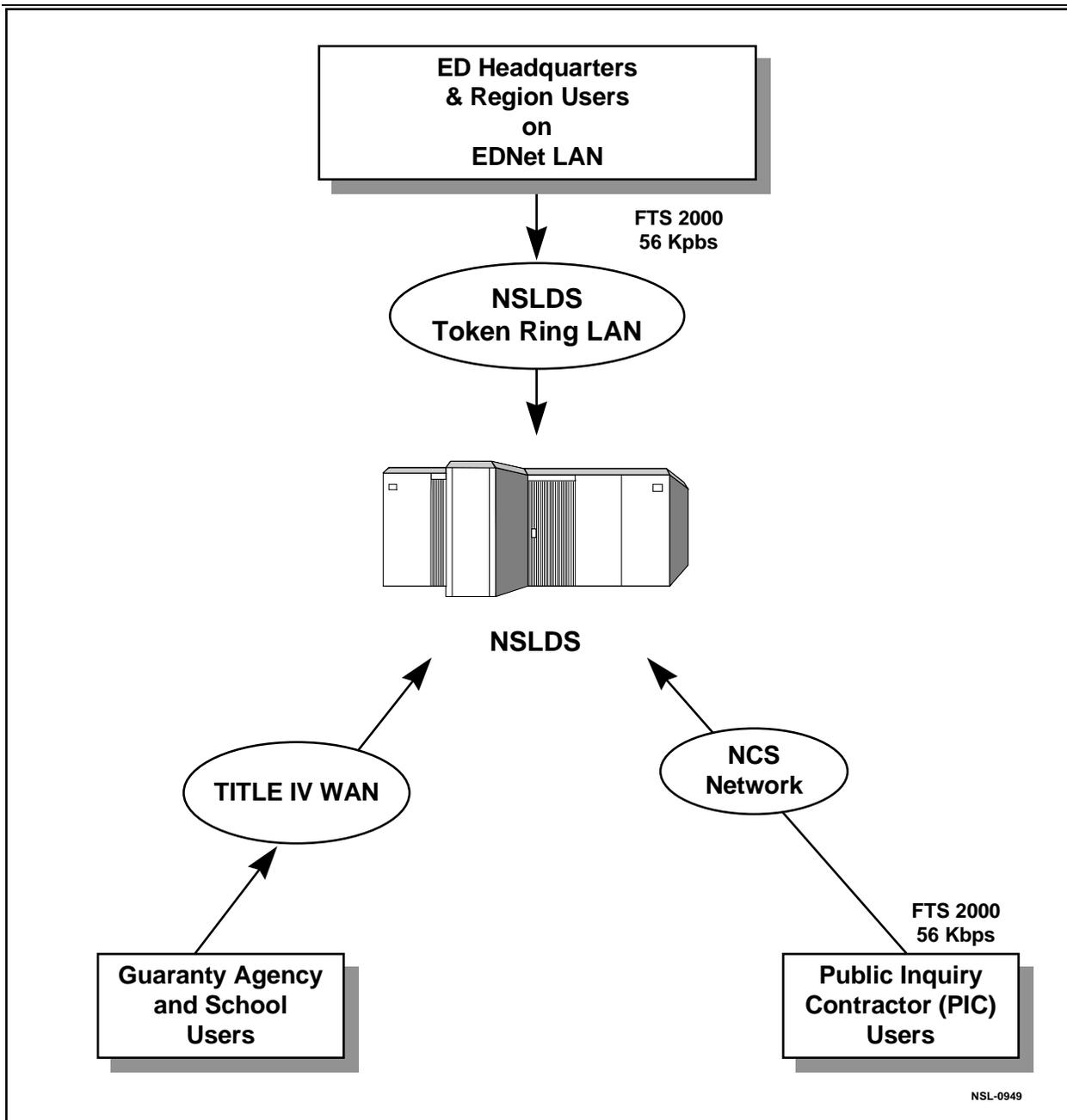


Figure 4-1, NSLDS Database Access

## 4.3.1 NSLDS User Logon

### 4.3.1.1 ED Users on the EDNet LAN

ED users at Department Headquarters and regional offices may access the NSLDS through ED's Local Area Network (EDNet LAN) by selecting the AttachMate icon (Figure 4-2). The icon

depicts a racing flag symbol for NSLDS that, when selected, acts as a hot key for automatically accessing the NSLDS mainframe.



Figure 4–2, AttachMate Icon

Follow these steps to log on to the NSLDS from ED headquarters or regional offices:

1. Log on to the EDNet LAN following normal access procedures.
2. Double-click on the AttachMate icon that appears on your desktop or Start menu to automatically access the NSLDS mainframe. The *Welcome to NSL* menu (Figure 4–3) displays.

```
WELCOME TO NSL SYSTEM - CSC MERIDEN - OS/390

*****
* THIS SYSTEM IS LIMITED TO ACCESS BY AUTHORIZED PERSONNEL, FOR APPROVED USES *
* ONLY. ACCESS BY OTHERS IS PROHIBITED AND UNAUTHORIZED. *
*****

ENTER DESIRED OPTION:

A. TSO
B. NASN
C. CICSNSLP
D. CICSNSLT
E. NSLPCSM
F. OMVTAMN
G. OM2NMVS
```

Figure 4–3, Welcome to NSL System Menu

Follow the steps outlined in Section 4.3.2 to log on to TSO.

### 4.3.1.2 Guaranty Agency and School User Access

GA and school users access the NSLDS mainframe through the Title IV WAN. This network connects users with ED and its contractors, and allows them to communicate directly with the NSLDS database.

Users who sign up for a Title IV WAN account are assigned a “mailbox” that is used both to request and to receive data from NSLDS. They also receive a WAN ID account number that serves as the mailbox identifier.

GA and school users access NSLDS online functions via NET\*CONNECT and batch files via EDConnect. The Title IV WAN contractor provides schools and GAs with documentation for both these software products that explains how they can be used to log on to NSLDS.

### 4.3.1.3 Public Inquiry Contractor (PIC) Users

PIC users access the NSLDS mainframe through the contractor network from the *NCS Information Services Division* menu. When the menu appears, the cursor moves automatically to a Choice Entry field in the lower left portion of the screen. To access NSLDS from the *NCS Information Services Division* menu, follow these steps:

1. Select NSLDS access by typing *PICNSL* in the Choice Entry field (Figure 4–4). You are not restricted to the four options listed on the screen.

```

      NN      NN      CCCCCCCCC      SSSSSSSSS
     NNN      NN      CCCCCCCCC      SSSSSSSSSSS
    NNNN      NN      CC      CC      SS      SS
   NN NN      NN      CC
  NN NN      NN      CC      SSS
 NN NN      NN      CC      SSSSSSSSSSS
NN NN      NN      CC      SSSSSSSSSSS
 NN NN      NN      CC      SSS
  NN      NNNN      CC      SS
 NN      NNN      CC      CC      SS      SS
 NN      NN      CCCCCCCCC      SSSSSSSSSSS
 NN      N      CCCCCCCCC      SSSSSSSSS

```

INFORMATION SERVICES DIVISION - SY2

```

Type LOGON userid or TSO userid for TSO Logon
Type CICS for CICS Production System Signon
Type CICSPMDE for MDE/AFSA CICS Production System
Type CICSTEST for CICS Test System Signon

```

Figure 4–4, *NCS Information Services Division Menu*

2. Press **ENTER**. The system displays the *CICS Logon* screen (Figure 4–5).

```
ESGD INFORMATION SERVICES      CICSNSLP SYSTEM
  USERID:      -
  PASSWORD:      NEW PASSWORD (IF DESIRED):

DISCLOSURE STATEMENT
  The user understands that the Department of Education, its agents and
  sub-contractors have signed up to meet the requirements of the PRIVACY ACT OF
  1974 (as amended).  As such, by entering this system, the user hereby verifies
  that they have read the PRIVACY ACT OF 1974 (as amended), that the user
  understands the requirements of the ACT, and that the user has no remaining
  questions.

MONITORING NOTICE
  This system is for the user of authorized users only.  Individuals using this
  computer system without authority are subject to having all of their
  activities on this system monitored and recorded by system personnel.  In the
  course of monitoring individuals improperly using this system, or in the
  course of system maintenance, the activities of authorized users may also be
  monitored.  Anyone using this system expressly consents to such monitoring and
  is advised that if such monitoring reveals possible evidence of criminal
  activity, system personnel may provide the evidence of such monitoring to law
  enforcement officials.
```

Figure 4–5, CICS Logon Screen

### 4.3.2 TSO Logon

Different users access NSLDS applications from different screens, as described in Section 4.3.1. However, most ED users follow the steps described in Section 4.3.1.1 to access NSLDS from the EDNet LAN. Once they do so, they see the *Welcome to NSL System* menu (Figure 4–6).

```
WELCOME TO NSL SYSTEM - CSC MERIDEN - OS/390

*****
* THIS SYSTEM IS LIMITED TO ACCESS BY AUTHORIZED PERSONNEL, FOR APPROVED USES *
* ONLY. ACCESS BY OTHERS IS PROHIBITED AND UNAUTHORIZED.                      *
*****

ENTER DESIRED OPTION:

A. TSO
B. NASN
C. CICSNSLP
D. CICSNSLT
E. NSLPCSM
F. OMVTAMN
G. OM2NMVS
```

Figure 4–6, Welcome to NSL System Menu

Of the seven options listed by the *Welcome to NSL System* menu, only one is available to ordinary users:

- **TSO**—Time Sharing Option (Option **A**). This option provides access to the Query Management Facility (QMF), Data File Download function, Report Management and Distribution System (RMDS), and a variety of other advanced functions.

When the *Welcome to NSL System* menu appears, your cursor moves automatically to an unmarked Choice Entry field beneath the list of available options. To log on to the TSO environment, follow the steps outlined in the subsections that follow.

### 4.3.2.1 TSO Logon

To log on to TSO from the *Welcome to NSL System* menu (Figure 4–6), follow these steps:

1. Select the TSO option by typing **A** in the Choice Entry field.
2. Press **ENTER**.



---

**IBM 3270 Terminal Users:** When you are instructed to press **ENTER**, press the **RIGHT CTRL** key on your keyboard as the equivalent for **ENTER**. If you are using different terminal emulation software, check your software documentation for information on keyboard mapping and how it determines which keys you press to perform specific actions.

---

3. The system displays an “ENTER USERID” prompt (Figure 4–7), and the cursor automatically advances to a Data Entry field beneath the prompt.

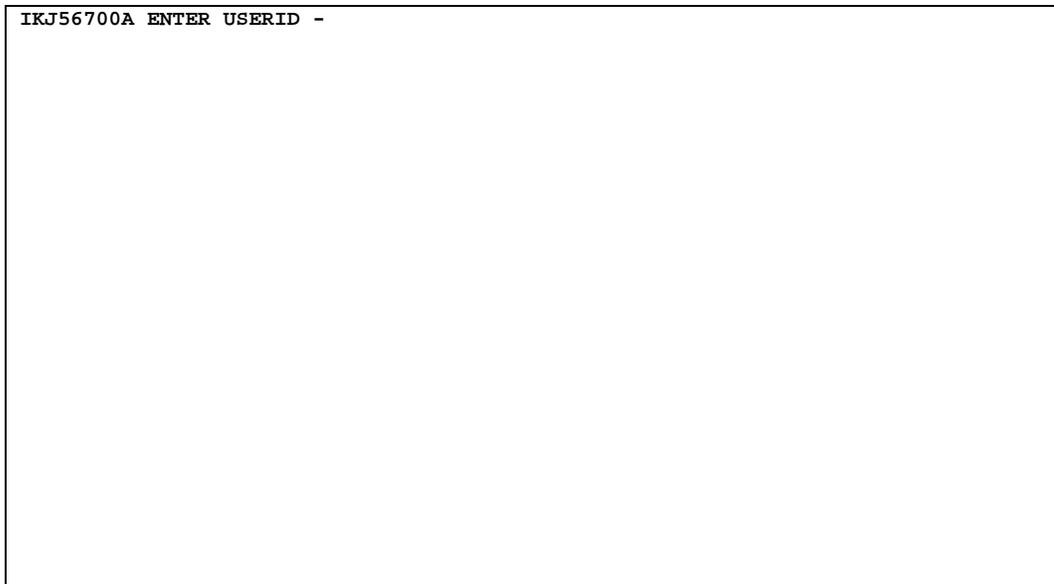


Figure 4–7, ENTER USERID Prompt

4. Type your **user ID** in the Data Entry field and press **ENTER**.
5. The *TSO/E Logon* screen (Figure 4–8) displays. Your user ID is automatically displayed in the Userid field, and the cursor advances to the Password field.

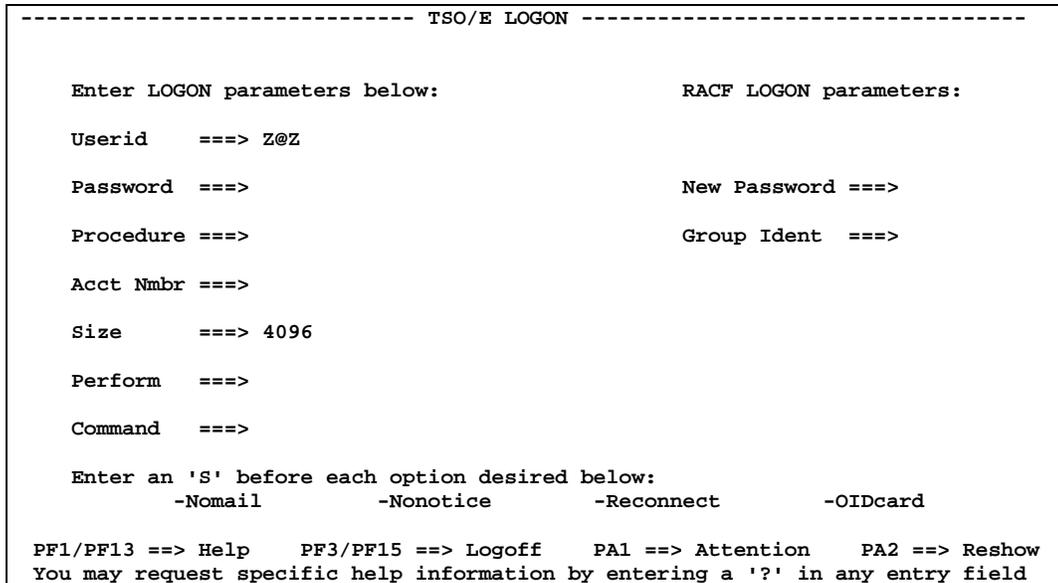


Figure 4–8, TSO/E Logon Screen

6. Type your **Password** in the Password field and press **ENTER**. Your password is not displayed as you type, but the cursor advances across the screen. The only information you must type on this screen is your password.

When you log on to TSO for the first time, your initial password expires. The system displays the following message near the top of the screen, “IKJ56415I CURRENT PASSWORD HAS EXPIRED—PLEASE ENTER NEW PASSWORD” (Figure 4–9). You must change your password at this time (see Section 4.3.2.1.1 and Section 4.3.2.1.2).

```

----- TSO/E LOGON -----
IKJ56415I CURRENT PASSWORD HAS EXPIRED - PLEASE ENTER NEW PASSWORD

Enter LOGON parameters below:                                RACF LOGON parameters:

Userid   ==> Z@Z
Password ==>
Procedure ==>
Acct Nubr ==>
Size     ==> 4096
Perform  ==>
Command  ==>

Enter an 'S' before each option desired below:
          -Nomail          -Nonotice          -Reconnect          -OIDcard

PF1/PF13 ==> Help   PF3/PF15 ==> Logoff   PA1 ==> Attention   PA2 ==> Reshow
You may request specific help information by entering a '?' in any entry field

```

Figure 4–9, Current Password Expired Message

#### 4.3.2.1.1 Changing Your Password in TSO

To change your password in TSO, follow these steps:

1. Type your **New Password** in the New Password field. Your password is not displayed as you type, but the cursor advances across the screen.
2. Press **ENTER**. The system displays the following message, “IKJ56447A Reenter the new password in the NEW PASSWORD field for verification”, and the cursor remains in the New Password field (Figure 4–10).

```

----- TSO/E LOGON -----
IKJ56447A Reenter the new password in the NEW PASSWORD field for verification

Enter LOGON parameters below:                                RACF LOGON parameters:

Userid    ===> Z@Z
Password  ===>
Procedure ===>
Acct Nmbr ===>
Size      ===> 4096
Perform   ===>
Command   ===>

Enter an 'S' before each option desired below:
      -Nomail      -Nonnotice      -Reconnect      -OIDcard

PF1/PF13 ==> Help   PF3/PF15 ==> Logoff   PA1 ==> Attention   PA2 ==> Reshow
You may request specific help information by entering a '?' in any entry field

```

Figure 4–10, Reenter New Password Message

3. Retype your **New Password** exactly as you did before and press **ENTER**. Your password is not displayed as you type, but the cursor advances across the screen.

#### 4.3.2.1.2 Invalid User ID or Password in TSO

If you have entered an invalid user ID or password, the system displays an informational message to that effect at the top of the screen (Figure 4–11).

```

----- TSO/E LOGON -----
IKJ56421I PASSWORD NOT AUTHORIZED FOR USERID
IKJ56429A REENTER -
Enter LOGON parameters below:                                RACF LOGON parameters:

Userid    ===> Z@Z
Password  ===>
Procedure ===>
Acct Nmbr ===>
Size      ===> 4096
Perform   ===>
Command   ===>

Enter an 'S' before each option desired below:
      -Nomail      -Nonnotice      -Reconnect      -OIDcard

PF1/PF13 ==> Help   PF3/PF15 ==> Logoff   PA1 ==> Attention   PA2 ==> Reshow
You may request specific help information by entering a '?' in any entry field

```

Figure 4–11, Invalid User ID Message

After three unsuccessful logon attempts, the system activates a lockout and displays an “Invalid Sign-on attempt” message if you try to log on to TSO. In this event, you must contact the CSC at 1-800-999-8219 and request that your user ID and password be reset. To log on again, you must repeat the steps in Section 4.3.2.1.1.

### 4.3.2.1.3 Successful Logon to TSO

The first screen you see after logging on to TSO is the welcome screen (Figure 4–12).

```
ICH70001I Z@Z      LAST ACCESS AT 11:19:42 ON MONDAY, SEPTEMBER 7, 1998
IKJ56455I Z@Z LOGON IN PROGRESS AT 11:20:40 ON SEPTEMBER 7, 1998
IKJ56951I NO BROADCAST MESSAGES
TSO SETUP IS STARTING.
TSO SETUP IS ENDING.

                _____
                A T T E N T I O N
                _____

                W E L C O M E   T O   T H E   N E W L Y
                U P G R A D E D   N S L D S   S Y S T E M

***
```

Figure 4–12, Welcome to NSLDS Screen

Press **ENTER**. The *NSLDS Disclosure Statement and Monitoring Notice* screen displays. The Disclosure Statement and Monitoring Notice are shown in Figure 4–13 as if they occupied a single screen. In fact, because of space constraints, they are spread across two screens. You must press **ENTER** to move from the first screen to the second screen.

All information in NSLDS is protected by Federal regulations under the Privacy Act of 1974 (as amended). You should familiarize yourself with these regulations.

```

*****
*
*           YOU ARE LOGGED ONTO NSLDS TSO AT CSC IN MERIDEN, CT
*
*****

Questions should be directed to the NSLDS Customer Service Center at
800.999.8219

                Disclosure Statement

The user understands that the Department of Education, its agents and
Sub-contractors have signed up to meet the requirements of the "PRIVACY ACT of
1974" (as amended). As such, by entering this system, the user hereby verifies
that he/she has read the "PRIVACY ACT of 1974" (as amended), that the user
understands the requirements of the act, and that the user has no remaining
unanswered questions.

                Monitoring Notice

This system is for the use of authorized users only. Individuals using this
Computer system without authority, are subject to having all of their
Activities on this system monitored and recorded by system personnel. In the
Course of monitoring individuals improperly using this system or in the course
Of system maintenance, the activities of authorized users may also be
Monitored. Anyone using this system expressly consents to such monitoring and
Is advised that if such monitoring reveals possible evidence of criminal
Activity, system personnel may provide the evidence of such monitoring to law
Enforcement officials.
***

```

Figure 4-13, Disclosure Statement and Monitoring Notice

Press **ENTER** to continue. When you have successfully logged on to TSO, the system displays the *NSLDS—ISPF/PDF Primary Option Menu* screen (Figure 4-14).

```

----- NSLDS - ISPF/PDF PRIMARY OPTION MENU -----
OPTION  ==>

 0 ISPF PARMS - Specify terminal and user parameters  USERID - Z@Z
 1 BROWSE     - Display source data or output listings  TIME - 11:34
 6 COMMAND   - Enter TSO Command, CLIST, or REXX exec  TERMINAL - 3278
 8 SDSF      - System Display and Search Facility      PF KEYS - 12
 D DOWNLOAD  - List data sets for download to PC      DATE - 98/09/07
 P PRF       - Platinum Report Facility              JULIAN - 98.250
 Q QMF       - Query Management Facility
 R RMDS      - Report Management and Distribution System
 S SORT      - Sort facility
 T TUTORIAL  - Display information about ISPF/PDF
 X EXIT      - Terminate ISPF using log and list defaults

Enter END command to terminate ISPF.

```

Figure 4-14, NSLDS—ISPF/PDF Primary Option Menu

**Note:** Option **P** (Platinum Report Facility) is no longer available to ED. Use QMF instead.

#### 4.3.2.1.4 NSLDS Primary Option Menu

Some of the options listed on the *NSLDS—ISPF/PDF Primary Option Menu* screen are described below. Your authorization level determines which tools are available to you.

- **ISPF PARMS**—(Option **0**). This option allows you to set various parameters that affect how your workstation displays information or performs actions. For example, you may choose whether to display function keys at the bottom of your screen. Function keys provide screen display and navigation and serve as shortcuts for invoking TSO commands. These commands are listed in the online tutorial (Option **T**). Within TSO, you can access online help anytime by pressing **F1**.
- **BROWSE**—(Option **1**). This option allows you to display source data or output listings in a full-screen format and to scroll through the display for easy access.
- **COMMAND**—(Option **6**). This option gives you access to a command line from which to run executable programs.
- **SDSF**—System Display and Search Facility (Option **8**). This option allows you to monitor and control jobs, queues, and system resources such as printers.
- **Download**—(Option **D**). This option allows you to download a report or extract from the mainframe to your PC.
- **QMF**—Query Management Facility (Option **Q**). This option allows you to query the NSLDS databases on an ad hoc basis. QMF queries can be created, saved, and executed on the NSLDS database.
- **RMDS**—Report Management and Distribution System (Option **R**). This option allows you to browse reports online, share them online with other authorized users, print all or selected pages of a report, or route all or selected pages of a report to diskette, magnetic tape, Title IV WAN, or a data set for download to a PC.
- **SORT**—Sort Facility (Option **S**). This option allows you to select data sets and build control statements needed for the SORT facility or equivalent programs.

The cursor advances to the Option prompt at the top left of the screen. Refer to the following chapters for detailed information about how to use these functions:

- Chapter 5—Query Management Facility
- Chapter 7—Download
- Chapter 8—Report Management and Distribution System

To select the option you seek from the *NSLDS—ISPF/PDF Primary Option Menu* screen, follow these steps:

1. Type **I, 8, D, P, Q, R,** or **S** at the “Option” prompt.
2. Press **ENTER**. The corresponding screen displays.
3. Press **F3** to return to the NSLDS—ISPF/PDF Primary Option Menu screen

## 4.4 Introduction to Database Research

This chapter introduces the NSLDS database, its logical design and physical characteristics, and methods for accessing the NSLDS data using ad hoc queries. Topics introduced in this chapter include:

- Database Structure
- Organization of Data
- Available Data Tables
- Definition of Table Attributes
- Keys and Indexes for Accessing Data

The previous chapters explain how to use NSLDS online and batch procedures. Those procedures answer most of the routine needs of the Title IV user community. For users requiring specific, tailored information that cannot be accumulated using standard online and batch procedures, NSLDS also provides access to the database by means of custom, ad hoc queries. This chapter will teach you how to access the database, collect customized information, and create your own reports where standard reports do not exist.

Even if you are a beginner at using ad hoc queries for research, you can quickly learn about the databases, tables, and columns (attributes) that make up NSLDS, and soon use this chapter for reference only.

Before creating a custom design, be sure your need cannot be satisfied with a standard report. Custom, ad hoc queries are an unnecessary expense if a standard report is available.



---

**Save your queries and run them as many times as needed. If you find you are frequently running the same query with little or no variation, consider having your report become a system standard. Pre-programmed reports are significantly more efficient and less costly to run.**

---

## 4.4.1 NSLDS—Two Databases in One

NSLDS maintains an Active database and an Online Abstract database, each of which contains many tables. To access either of these databases, follow these steps:

- Log on using the Time Sharing Option (TSO) procedure described earlier in this chapter.
- Select an operating environment from the *NSLDS—ISPF/PDF Primary Option Menu*.
- Select the Query Management Facility (QMF) ad hoc query tool. Chapter 6 describes how to use this query facility.

Use the table and attribute names provided in this chapter to access tables in the Active Database. To access the Online Abstract Database, type the characters *OSAP.* before the table name.

To total the Cumulative Principal Collection Amount of IRS Offsets by GA from the IRS Offset Table in the Online Abstract Database, you might formulate the following query:

```

SELECT      GA_CODE
            SUM(CUM_PRIN_COLL_AMT)
FROM        OSAP.IRS_OFF
GROUP BY    GA_CODE

```

To submit the same query to the Active Database, eliminate the ‘OSAP.’ in the third line of the query.



**Do NOT mix table and attribute names from multiple databases in the same query. This action could produce MEANINGLESS or MISLEADING RESULTS.**

### 4.4.1.1 Active Database

The Active Database contains loan-level data for student accounts. An account contains all loan and grant records associated with a single student. A student account is considered open until the following conditions are met:

- All loans within the account have had a *closed loan* status for at least 15 months. Codes for *closed loan status* are defined in Figure 4–15.
- The *date of maturity* for every loan in the account is at least six years earlier than the *current date*.

- The student owes no grant overpayments.

Closed Status	
Code	Reason
BC	Bankruptcy Claim, Discharged
CA	Canceled
DC	Defaulted, Compromise
DD	Defaulted, Then Died
DE	Death
DI	Disability
DK	Defaulted, Then Bankrupt, Discharged, Chapter 13
DP	Defaulted, Paid in Full
DS	Defaulted, Then Disabled
DW	Defaulted, Write-Off
OD	Defaulted, Then Bankrupt, Discharged, Other
PC	Paid in Full Through Consolidation Loan
PF	Paid in Full
RF	Refinanced
UI	Uninsured/Unreinsured

*Figure 4–15, Closed Loan Status Codes*

The user-accessible tables in the NSLDS database are grouped into seven subject areas:

1. Schools
2. Students (includes Grants)
3. Guaranty Agencies
4. Lenders
5. FDLP Servicers
6. Loans
7. Default Rates

The tables that make up the Active Database are listed in Section 4.4.3, and the column (attribute) definitions for each table are listed in Section 4.4.4.

#### **4.4.1.2 Online Abstract Database**

The large number of loans and grants issued under Title IV student aid programs inevitably suggests using a subset of the NSLDS database for statistical and research purposes. The Online

Abstract Database is a small subset of the NSLDS database containing loan, grant, and student data for a statistically valid, random sampling of 1.5 million borrowers selected from the Active Database. The tables that make up Online Abstract Database are listed in Section 4.4.3, and the column (attribute) definitions for each table are listed in Section 4.4.4. These tables can be accessed by typing *OSAP.* in front of their names.

## 4.4.2 How NSLDS Data Is Organized for Ease of Use

The NSLDS database was built with a relational database tool. In a relational database, data is organized into tables consisting of rows and columns. Each table stores information about one entity type. An entity type can be a collection of people, places, things, or events that share common definitions, relationships, and attributes. Examples of Title IV entity types include schools, students, loans, and GAs.

The rows of a table in a relational database represent the specific instances (or entities in relational database terms) of an entity type. They are similar to records in a traditional file structure. The School table, for example, contains one row for each school eligible to participate in Title IV programs.

The columns (attributes) of a table contain data values that describe the entity. They are similar to fields or data elements in a traditional file structure record. The columns in the School table include the following:

- **ACT\_FLAG**—A flag indicating whether an institution is eligible and certified to participate in Title IV program
- **CODE**—A six-digit ED code for uniquely identifying a school
- **NM**—The name of the school

Each intersection of a row and column is called a cell. The cell stores a value of the specific information defined by the intersection of row and column. The following are two examples:

**Example 1: Date of Birth Cell**—The Student table has a *row* for each person who is, or was, a student with Title IV aid, and a *column* for each attribute relating to individual students, such as name, Social Security Number, and date of birth. The cell that represents the intersection of the row for the student, John Doe, and the Date of Birth column might contain the value 1974-05-12 or May 12, 1974, as shown in Figure 4–16.

Title IV Aid Students		
Name of Student	Date of Birth	SSN
Alice Deer	March 20, 1949	123-45-6789
<b>John Doe</b>	<b>May 12, 1974</b>	234-56-7891
Walter Stag	December 7, 1969	345-67-8910

Figure 4–16, Date of Birth Cell

The attribute (or attributes) that uniquely identifies a row in a table is called the identifier or primary key. To select a specific row from a table, you must specify the identifier. The identifier representing a specific row must be different from every other identifier in that table.

**Example 2: School Branch Identifier Cells**—A School Branch is uniquely identified by its six-digit main campus identifier and its two-digit branch code in the School Branch table. The six-digit main campus code 777777 and the two-digit branch identifier 03, when combined as identifiers for a row, uniquely identify one institution. Other institutions can also be identified by the same main campus code 777777, but they must have a branch code other than 03 to co-exist in the same School Branch table, as shown in Figure 4–17.

School Branch		
School Code	School Branch Code	School Branch Name
777777	00	UNIVERSITY OF EDUCATION - MAIN BRANCH
777777	01	UNIVERSITY OF EDUCATION - BRANCH 01
777777	02	UNIVERSITY OF EDUCATION - BRANCH 02
<b>777777</b>	<b>03</b>	<b>UNIVERSITY OF EDUCATION - BRANCH 03</b>
777777	04	UNIVERSITY OF EDUCATION - BRANCH 04

Figure 4–17, School Branch Identifier Cells

In a relational database, information about related entities is often divided into separate tables. For instance, a PLUS borrower is related to one or more loans, but to store a date of birth with every PLUS loan would take up too much space. Instead, personal information such as the date of birth of a PLUS borrower is placed in one table, and all loan information for that borrower in another. The two are then connected, or joined, with a relationship.

The relational database environment supports relationships through linkages, called *joins*, on the attributes shared by tables. Related attributes are defined by Primary and Foreign Keys, which are discussed in Section 4.4.5. In ad hoc queries, you may query single or joined tables. In fact, joins are very important to in-depth research.

To form a valid join and relate data from specific rows in one table to specific rows in another table, you must make sure that the identifiers of one table appear as attributes in the other table. Before you can join a PLUS borrower with the PLUS borrower's loans, the identifier for the PLUS Borrower table (SSN) must exist as an attribute in the Loan table. Otherwise, it would be impossible to know which loans belong to a given borrower. To join tables using a QMF, be sure to utilize the related attributes from each table.



**One point about efficiency: Two queries can produce the same results, but one may runs for an hour and the other for five minutes. What is the difference? Indexes. Some attributes have indexes, which are shortcuts to data, much the same as an index at the back of a book is a pointer to the page containing the information that is needed. Queries run much faster if you use attributes in the WHERE clauses that have pre-established indexes. For more information on indexes, see Section 5.1.6.**

### 4.4.3 Specific NSLDS Tables You Can Access

Figure 4–1 lists the names and briefly describes the contents of the NSLDS tables users can access by means of ad hoc queries. An asterisk in the High Volume column indicates that a table contains more than 5 million records and that queries run against it should be written with special care to avoid tying up system resources for an excessive amount of time.

Table Description	Table Name	High Volume	Database	
Accounting Calendar	ACCT_CALNDR		A	
Aggregate Description	AGG_DESCN		A	
Aggregate Descriptor	AGG_DESC		A	
Aggregate Descriptor Detail	AGG_DESC_DET		A	
Aggregate Descriptor Item	AGG_DESC_ITEM		A	
Aggregate Organization	AGG_ORG		A	
Aggregate Purpose	AGG_PURP		A	
Aid Overpayment	AID_OVRPMT		A	
Collection	COLL	*	A	O
Deferment Type	DFR_TYPE		A	O
Expected Student Enrollment	EXP_STU_ENRL		A	O
FDLP Servicer	FDSL_P_SVR		A	O
FDLP Servicer Branch Holder	FDSL_P_SVR_BR_HOL		A	O
FDLP Servicer Submittal History	FS_SBMTL_HIS		A	
FDLP Servicer Submittal Run Error	FS_SBMTL_RUN_ERROR		A	
Financial Profile	FINANC_PROF		A	O
Guaranty Agency	GA		A	O
GA Aggregate	GA_AGG		A	
GA Submittal History	GA_SBMTL_HIS		A	
GA Submittal Run Errors	GA_SBMTL_RUN_ERR	*	A	
Insurance Claim Payment	INSUR_CL_PMT	*	A	O
Insurance Claim Refund	INSUR_CL_RFD		A	O
IRS Offset	IRS_OFF		A	O
Lender	LEN		A	O
Lender Branch	LEN_BR		A	O

Table Description	Table Name	High Volume	Database	
Lender Branch Aggregate	LEN_BR_AGG		A	
Lender Branch Holder	LEN_BR_HOL	*	A	O
Lender Branch Holder Servicer	LEN_BR_HOL_SVR	*	A	O
Lender Branch Servicer	LEN_BR_SVR		A	O
Lender Branch Servicer Aggregate	LEN_BR_SVR_AGG		A	
Lender Branch Transition History	LEN_BR_TRAN_HIS		A	O
Loan	LOAN	*	A	O
Loan Cancellation	LOAN_CAN	*	A	O
Loan Deferment	LOAN_DFR	*	A	O
Loan Disbursement	LOAN_DIS	*	A	O
Loan Grouping	LOAN_GP		A	O
Loan Guarantor	LOAN_GUA	*	A	O
Loan Maturity Date History	LOAN_MAT_DT_HIS	*	A	O
Loan Refund	LOAN_RFD		A	O
Loan Repayment Plan	LOAN_RPMT_PLAN	*	A	O
Loan Status	LOAN_STAT	*	A	O
Loan Supplement	LOAN_SUPP	*	A	
Loan Type	LOAN_TYPE		A	O
Loan Type Group	LOAN_TYPE_GP		A	
National Aggregate	NATL_AGG		A	
Output Distribution	OPUT_DISTR		A	
Organization	ORG		A	
PCA SPA Notification	PCA_SPA_NOTIF	*	A	O
Pell Grant	PELL_GRT	*	A	O
PEPS Submittal History	PEPS_SBMTL_HIS		A	
PEPS Submittal Run Error	PEPS_SBMTL_RUN_ERR		A	
PLUS Borrower	PLUS_BOR		A	O
PLUS Borrower Loan	PLUS_BOR_LOAN		A	O
PLUS Borrower Name	PLUS_BOR_NM		A	O
PLUS Borrower Social Security Number	PLUS_BOR_SSN		A	O
Preferred School	PREF_SCH	*	A	O
Prescreening Applicant	PRSCRN_APPL		A	
Prescreening Result	PRSCRN_RSLT		A	
Prescreening Result Loan	PRSCRN_RSLT_LOAN		A	
Prescreening Result Pell	PRSCRN_RSLT_PELL		A	
Region Aggregate	REG_AGG		A	
Reinsurance Claim Payment	REINSUR_CL_PMT	*	A	O
Reinsurance Claim Refund	REINSUR_CL_RFD		A	O
Repurchased Loan	RPCH_LOAN		A	O
School	SCH		A	O
School Branch	SCH_BR		A	O
School Branch Aggregate	SCH_BR_AGG	*	A	
School Branch Code Cross Reference	SCH_BR_CODE_XREF		A	
School Branch Holder Servicer	SCH_BR_HOL_SVR	*	A	O

Table Description	Table Name	High Volume	Database	
School Branch Status History	SCH_BR_STAT_HIS		A	
School Branch Servicer	SCH_BR_SVR		A	O
School Branch Servicer Aggregate	SCH_BR_SVR_AGG		A	
School Branch Transmittal History	SCH_BR_TRAN_HIS		A	O
School Origination History	SCH_ORIGN_HIS		A	O
School Submittal History	SCH_SBMTL_HIS		A	
School Submittal Run Errors	SCH_SBMTL_RUN_ERR	*	A	
SPA Payment	SPA_PMT		A	O
SSCR Cycle	SSCR_CYCLE		A	
SSCR Delinquent Letter	SSCR_DELIQ_LTR		A	
SSCR Return History	SSCR_RTN_HIS		A	
SSCR Transmittal Detail	SSCR_TRSMTL_DET	*	A	
SSCR Transmittal History	SSCR_TRSMTL_HIS		A	
State Aggregate	ST_AGG		A	
Student	STU	*	A	O
Student Address	STU_ADD		A	
Student Branch	STU_BR	*	A	O
Student Demographics	STU_DEM	*	A	O
Student Name	STU_NM	*	A	O
Student Social Security Number	STU_SSN	*	A	O
Student Status	STU_STAT	*	A	O
Student Status Unresolved	STU_STAT_UNRESLV	*	A	
Supplemental Reinsurance Payment	SUPP_REINSUR_PMT	*	A	O
Transaction Detail	TRAN_DET	*	A	
Transaction Log	TRAN_LOG	*	A	
Validation Translation Table	VAL_TRSL_TAB		A	O

Legend: A=Active Database, O=Online Abstract, High Volume=In excess of 5 million records

Figure 4–18, Database Tables



**The tables marked with an asterisk in Figure 5–4 contain over 5 million records. With these large volumes, it is particularly important to write efficient queries. To construct efficient queries, be sure to use indexes and qualify your queries with WHERE clauses.**

#### 4.4.4 Attribute Definitions Contained in NSLDS Tables

Section 4.4.3 provides a detailed listing of all database tables and their attributes, including the following information for each table:

- Table Name and Database Location (Active or Online Abstract)
- Table Description
- Attribute/Column Name
- Attribute/Column Description
- Data Type (Text, Numeric, Date, Timestamp, Time)
- Field Length
- Indicators of Pre-Established Indexes

Two examples of how to use Section 4.4 to develop an ad hoc report are presented below.

**Example 1: Build an Ad Hoc Report**

- **Scenario**—Produce a listing of branches for the University of Education (OPE ID = 777777). The listing shall include the school name, school branch name, school branch code, school branch city, and school branch state. To fulfill this request, look up the attribute definitions for the School Branch (SCH\_BR) table in Section 5–2 and build the ad hoc query statement in Figure 4–19.
- **Query**—The ad hoc query statement in Figure 4–19 would then be used to generate the report in Figure 4–20.

```

SELECT SCH_CODE
, SCH_NAME
, NM
, CODE
, CITY
, ST
FROM SCH_BR
WHERE SCH_CODE = '777777'
ORDER
BY SCH_CODE
, CODE
    
```

*Figure 4–19, School Branch Ad Hoc Query*

- **Report**—This query then results in the report shown in Figure 4–20.

SCH_CODE	SCH_NAME	NM	CODE	CITY	ST
777777	UNIVERSITY OF EDUCATION	UNIVERSITY OF ED – MAIN BRANCH	00	WASHINGTON	DC
777777	UNIVERSITY OF EDUCATION	UNIVERSITY OF ED - BRANCH 01	01	DALLAS	TX
777777	UNIVERSITY OF EDUCATION	UNIVERSITY OF ED - BRANCH 02	02	DENVER	CO
777777	UNIVERSITY OF EDUCATION	UNIVERSITY OF ED - BRANCH 03	03	TAMPA	FL

SCH_CODE	SCH_NAME	NM	CODE	CITY	ST
777777	UNIVERSITY OF EDUCATION	UNIVERSITY OF ED - BRANCH 04	04	SAINT PAUL	MN
777777	UNIVERSITY OF EDUCATION	UNIVERSITY OF ED - BRANCH 05	05	ATLANTA	GA

Figure 4–20, School Branch Report

This example illustrates how to select the necessary columns (attributes) of a table using Section 4.4. Notice in Section 4.4 how each column is provided with a definition for ease-of-use, each column's data type and length are listed, and there is an exact match (=) used on the first column of the two columns that compose the identifier (Primary Key/Index) for the School Branch (SCH\_BR) table. The Online Abstract Database table could be accessed with the same ad hoc query statement simply by typing **OSAP.** in front of SCH\_BR.

Proceeding a little deeper into the capability of the NSLDS databases and Section 4.4, the following example illustrates how to *join* tables to make a more complex ad hoc query:

### Example 2: Ad Hoc Query Using Joined Tables

- Scenario**—Produce a list of students attending Branch 01 of the University of Education. The student list must include each student's identifiers (student number and student sequence number), Social Security Number, last name, first name, middle initial, and date of birth. To fulfill this request, refer to the attribute definitions for the Student Branch (STU\_BR) and Student (STU) tables in Section 4.4 to build the following ad hoc query statement.
- Query**—The ad hoc query statement in Figure 4–21 is used to generate the report in Figure 4–22.

```

SELECT B.STU_NO
, B.STU_SEQ_NO
, S.CURR_SSN
, S.CURR_LST
, S.MID_INIT
, S.DOB
FROM STU_BR B
, STU S
WHERE B.SCH_CODE = '777777'
AND B.SCH_BR_CODE = '01'
AND B.STU_NO = S.NO
AND B.STU_SEQ_NO = S.SEQ_NO
ORDER
BY B.STU_NO
, B.STU_SEQ_NO

```

Figure 4–21, Join Student Branch and Student Ad Hoc Query

- **Report**—This query results in the report shown in Figure 4–22.

STU_NO	STU_SEQ_NO	CURR_SSN	CURR_LST	CURR_FST	MID_INIT	DOB
123456789	01	123-45-6789	ADAMS	TONY	A	1940-01-01
234567890	01	234-56-7890	CACHE	BILL	B	1941-01-01
345678901	01	345-67-8901	ALLEN	CHRIS	C	1950-12-31
456789012	01	456-78-9012	SPRUCE	JILL	D	1955-04-07
567890123	01	567-89-0123	MANWARING	GINA	N	1969-11-28
678901234	01	678-90-1234	LEACH	RICHARD	D	1969-12-07
901234567	01	901-23-4567	CHAMBERS	THAD	W	1963-11-29

NSL-0683

Figure 4–22, Join Student Branch and Student Report

This example shows how to join the appropriate columns (attributes) of the Student Branch (STU\_BR) and Student (STU) tables. As in the first example, Section 4.4 provides the information necessary to build the ad hoc query statement. Notice that an exact match (=) was used on both columns of the secondary index of the Student Branch (STU\_BR) table. Also, an exact match (=) was used on both columns of the identifier (Primary Key/Index) for the Student (STU) table while *joining* to an exact match (=) of the first two of four columns that compose the identifier (Primary Key/Index) for the Student Branch (STU\_BR) table. The Online Abstract Database tables can be accessed with the same ad hoc query statement simply by typing **OSAP**. in front of STU and STU\_BR.

This ad hoc query can be expanded to retrieve loan-level data (such as current loan status, loan type, and outstanding principal balance) for each student, simply by joining the Loan (LOAN) table to the Student Branch (STU\_BR) table using the *join* columns (STU\_NO, STU\_SEQ\_NO, SCH\_CODE, SCH\_BR\_CODE). You may have already discovered by looking at Section 4.4, that this *join* would use exact matches (=) on all four of the columns composing the secondary index of the Loan (LOAN) table and all four of the columns composing the identifier (Primary Key/Index) for the Student Branch (STU\_BR) table.

These are just a few examples of what you can do by running ad hoc queries against the NSLDS database. To construct your own queries, refer to Chapters 6 for more information about how to formulate queries using QMF.

## 4.4.5 Table Relationships and Keys

The NSLDS database consists of many tables that are related to one another as parents and children are; therefore, they are called *parent tables* and *dependent tables*. These relationships are defined by keys (primary and foreign) that point from one table to another. Primary and foreign keys for all tables available to users are presented in Section 4.4.5.2. Using primary and

foreign keys properly will allow you to search the enormous amount of data stored in NSLDS more quickly.

#### **4.4.5.1 Parent Tables and Primary Keys**

The most significant characteristic of the parent table is its primary key. The primary key (identifier) is constructed from one or more columns (attributes) of the parent table. The primary key is a pointer to one unique row (occurrence) in the parent table. The sequence of the columns that compose the primary key is very important. A primary key ALWAYS has an index defined upon its column(s) in the same exact order. In addition, the more columns of a primary key that are supplied an *equals to (=) value* in the key sequence, the quicker and more efficiently the query produces results from the table.

#### **4.4.5.2 Dependent Tables and Foreign Keys**

The dependent (child) table has a unique characteristic—a foreign key. A foreign key is a pointer to the primary key of the parent table. The columns of the foreign key match one-for-one the columns of the primary key of the parent table. The column names may be spelled differently, but the column characteristic must be identical. Column characteristics are the type (such as character, integer, date, or time), length, and scale of the data in the column. The dependent table foreign key may exist one or more times in the dependent table, but always has one—and only one—parent row (primary key) in the parent table.

#### **4.4.5.3 Table Relationships**

The relationship between a parent table and a dependent table is just like a familial relationship. A parent can have one or more children, and every child has a parent. A parent table can be a dependent to another parent table. A dependent table can be the parent to another dependent table. Therefore, these relationships are consistent for grandparents through grandchildren.

#### **4.4.6 Table Indexes**

When writing queries to access various tables (entities) and particular columns (attributes) in those tables, you are directing the computer to search the entire database to retrieve specific information. This process is time consuming and expensive in terms of computer resources. To search and retrieve more efficiently, indexes were created to reduce the search effort.

Section 4.4.6 lists the indexes available for writing queries. These indexes are also marked in Section 4.4.5 to show which tables and attributes have indexes, and which are primary and secondary. Also, the numbering indicates the sequence order of the columns (attributes) in the index.

An index is constructed of one or more column(s) from the associated table. Indexes are either *unique* or *non-unique*. A unique index must ALWAYS exist for a primary key (see Section 4.4.5); it serves as a pointer to one unique row (occurrence) of the associated table. Likewise, a non-unique index is a pointer to one or more row(s) of the associated table. Figure 4–23 shows three selected tables (center box) in juxtaposition with their related unique indexes (left box) and with a single non-unique index (right box). These unique indexes would clearly point to one and only one occurrence in the associated table, but the non-unique index (School Code and School Branch Code) could point to many occurrences in the Student Branch table.

Unique Index—Column List		Table—Column List		Non-Unique Index—Column List	
Index Name	Column Name	Table Name	Column Name	Index Name	Column Name
SYAGDI01	ID	AGG_DESC	ID AGGR_NM FREQ	none	
SYAGDDI1	DESC_ID ID	AGG_DESC_DET	ID DESC_ID	none	
STSTBRI1	STU_NO STU_SEQ_NO SCH_CODE SCH_BR_CODE	STU_BR	SYS_CR_DT ANTIC_CDMP_DT STU_NO VAL_IND STU_SEQ_NO SCH_CODE SCH_BR_CODE	STSTBRI2	SCH_CODE SCH_BR_CODE

Figure 4–23, NSLDS Tables Relative to Unique and Non-Unique Indexes

The sequence of the columns that compose an index is very important. In addition, the more columns of the index that can be supplied with an *equals to (=) value* in key-sequence order, in a search request, the faster the answer is retrieved from the table.

**Example: Ad Hoc Query Using Indexes**—If a table has an index of 3 columns (COL1-COL3) for a table of 5 million rows, retrieval of data with a search request of COL1=?, COL2=?, and COL3=? is much faster than a search specifying only one column (COL1 = X) or two columns (COL1=X and COL2=Y), because the search for the data is much more constrained or focused.

This comparison is even more pertinent if the requester has selected COL6=?, because there is no index on COL6. In this case all 5 million rows are searched. Also, a search request from the 5 million row table with COL1 >=? (or <=, or >=, etc.), COL2=?, and COL3=? is slow because COL1 >=? is going to search a portion of both the table and index. While this query is better than not using an index, it is not the most efficient use of the index.

Effective indexes are illustrated below:

1. An index on a table is similar to the index of a textbook or encyclopedia. If you are looking for the page (unique)—or pages (non-unique)—to find the definition of a certain word within the book, you could read quickly or search the book looking for sections where the word is used. But, you would probably do better using the index (which is in

alphabetical order) to locate the word, retrieve the number(s) of the page(s) on which it is used, then go to the page(s) to find the definition of the word. It is the same when you ask the computer to find something. Although a computer can read extremely fast, it is still much more efficient to use an index.

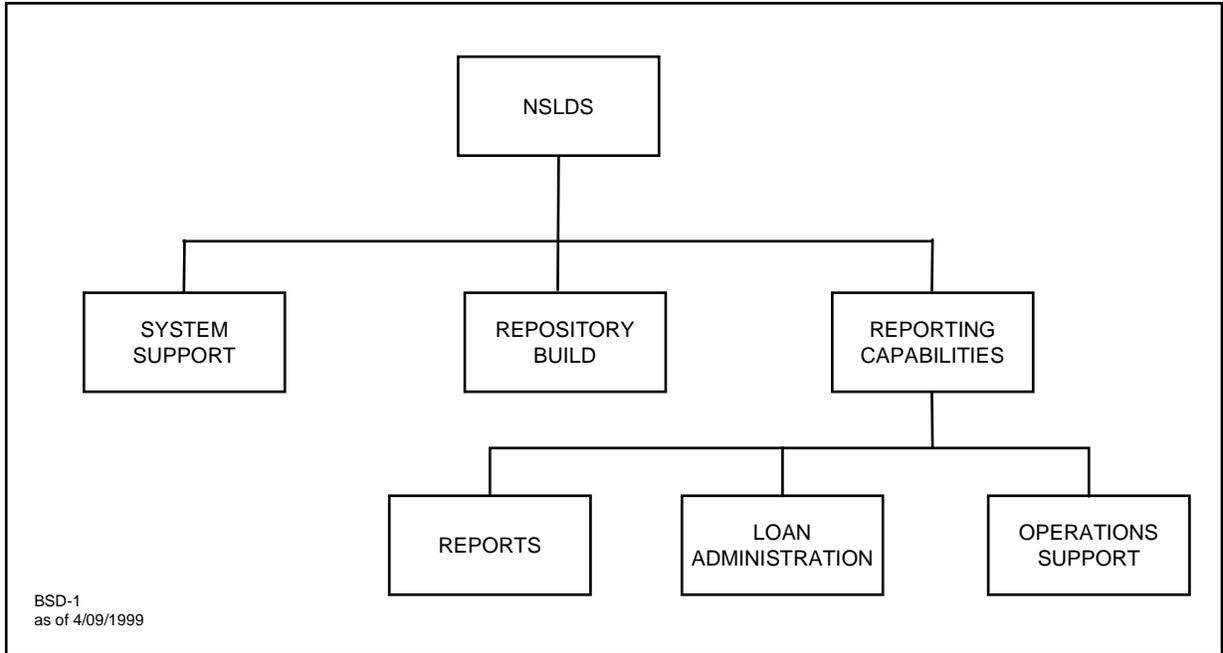
2. Another example of an index is the card catalog system in your local library. If you are looking for a particular book, you go to the library card catalog (index), look up the location of the book using its author and title or Library of Congress cataloging number, and then go retrieve the book from the appropriate shelf location identified by the catalog.

To see the importance of the column sequence of an index, just imagine the same search for the library book assuming you only had the author's name. Even though you have the library card catalog, searching for and retrieving the book could be very time consuming because you might have to go through all of the cards under that author's name in the catalog looking for the book title you seek. Once you find the card with the matching author's name and book title, you only have to go to the shelf to locate the book. So supplying the author's name as the first part of the search is useful, but knowing the title enables you to find the book faster.

All of these principles are the same when you want to direct the computer to retrieve data. The more request values with an exact match, *equals to* (=), of the index columns in key sequence, the faster and more efficiently the computer can retrieve your data. Knowing the Library of Congress cataloging number for a book is like knowing a primary key (identifier) value for a table—it enables you to go right to where it is.

## 4.4.7 System Hierarchy

The Batch table and figures that follow identify the individual programs and screens, which make up the NSLDS and depict their logical and hierarchical organization.



*Figure 4–24, Business System Diagram, High Level*

(Replace with **foldout** NSL-0835.flo)

*Figure 4–25, NSLDS Batch Program Architecture*



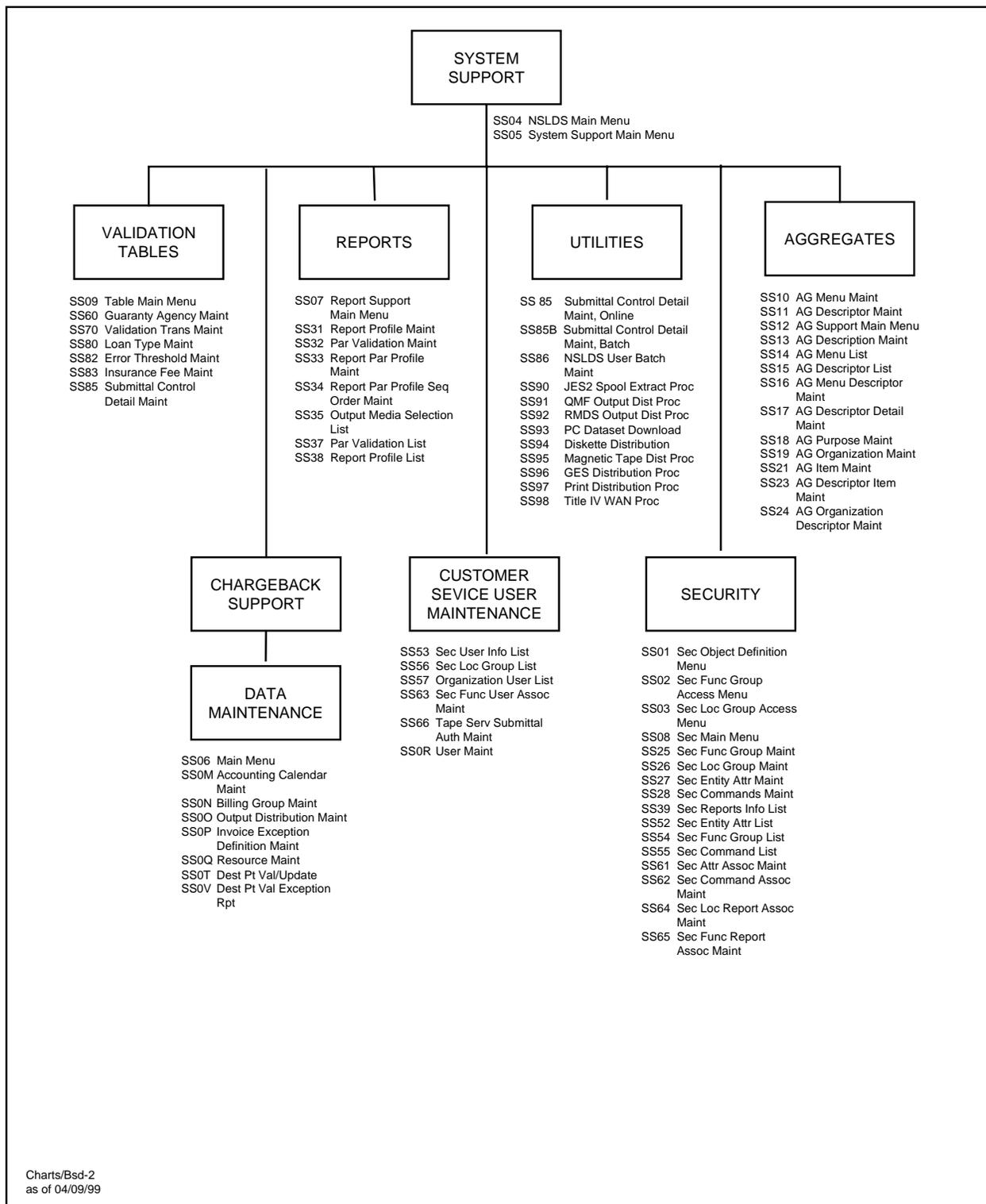


Figure 4-26, Business System Diagram, System Support

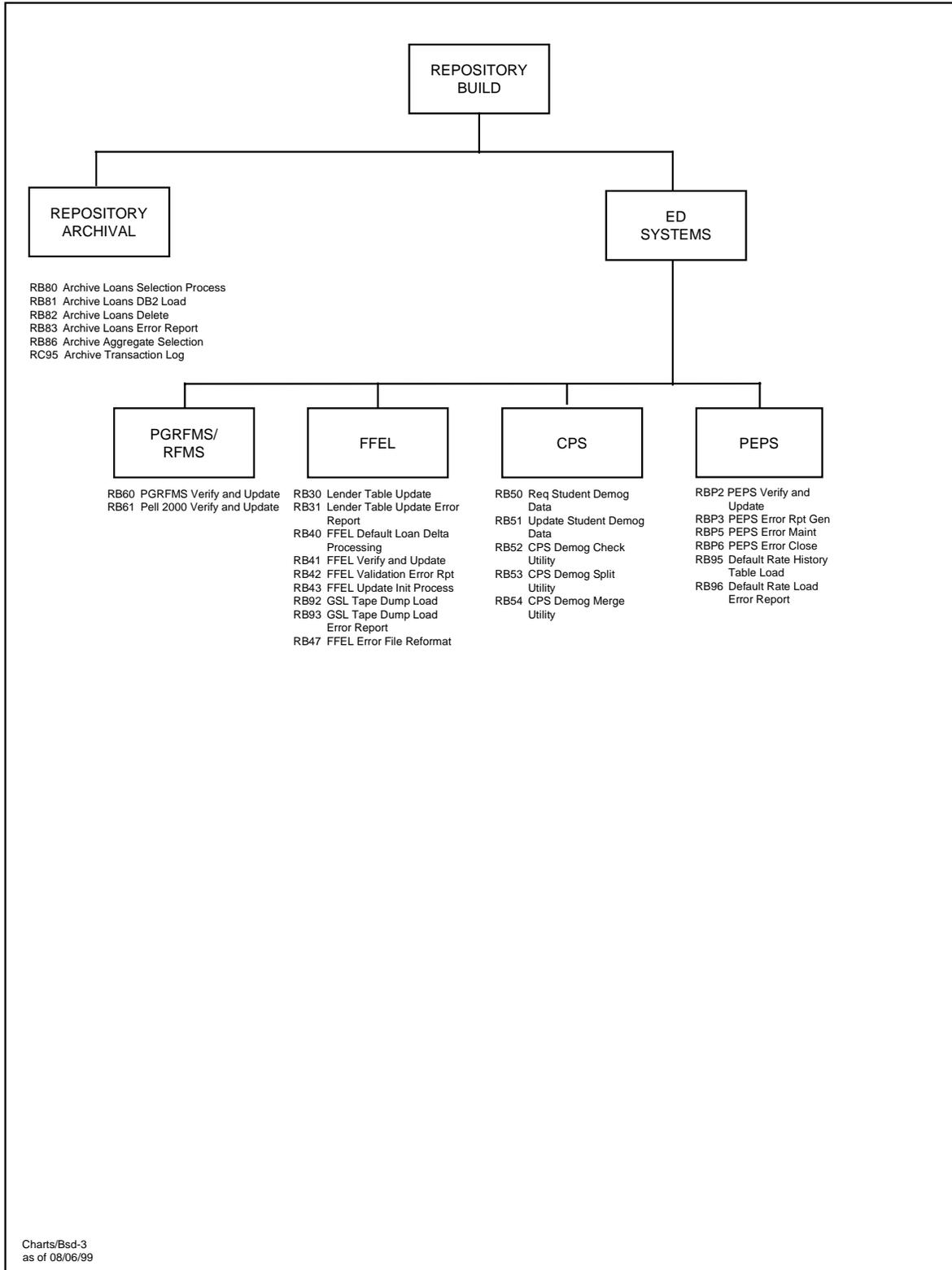


Figure 4–27, Business System Diagram, Repository Build 1: Repository Archival and ED Systems

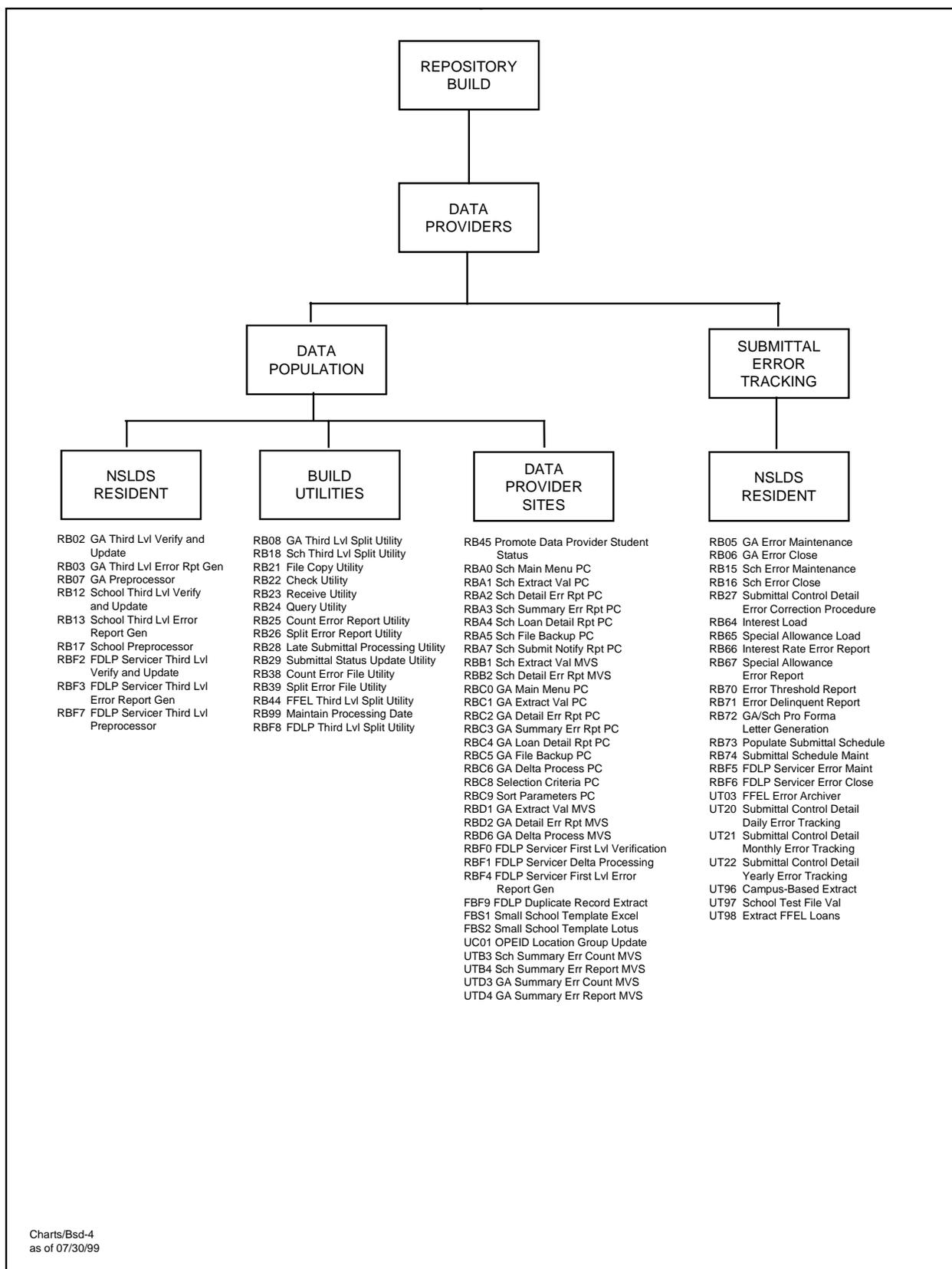


Figure 4-28, Business System Diagram, Repository Build 2: Data Providers

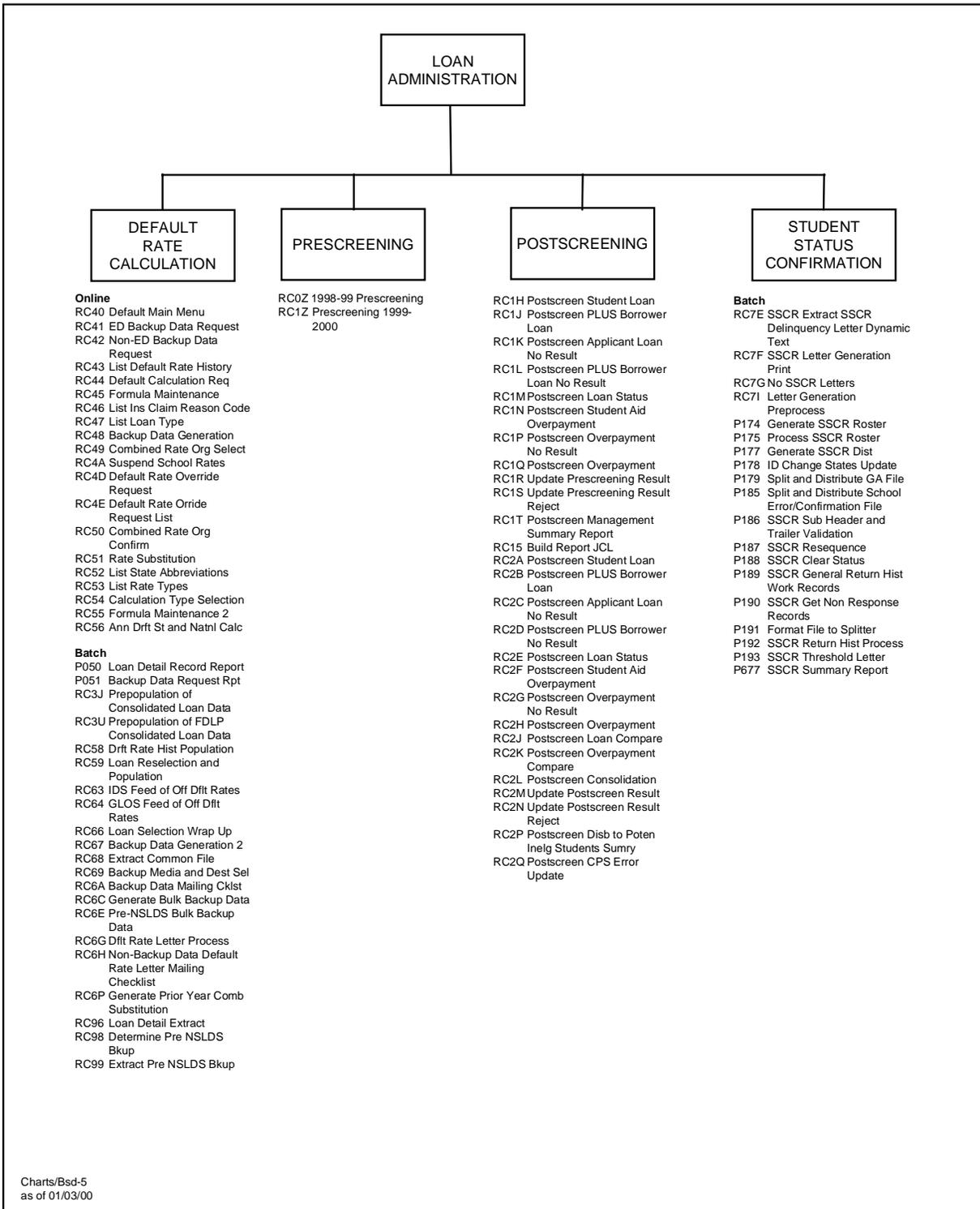


Figure 4–29, Business System Diagram, Reporting Capabilities 1: Loan Administration

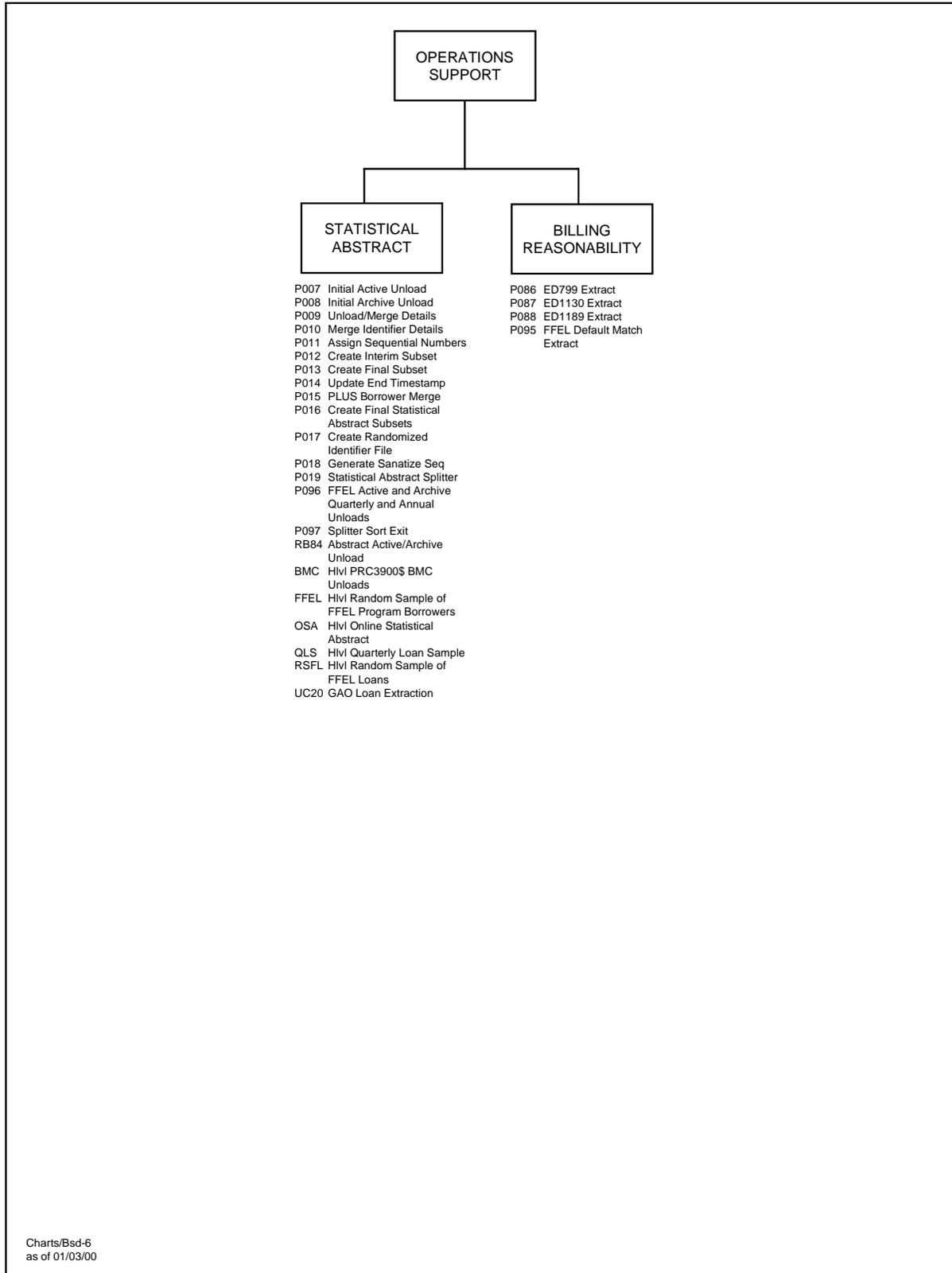


Figure 4–30, Business System Diagram, Reporting Capabilities 2-1: Operations Support except Aggregates

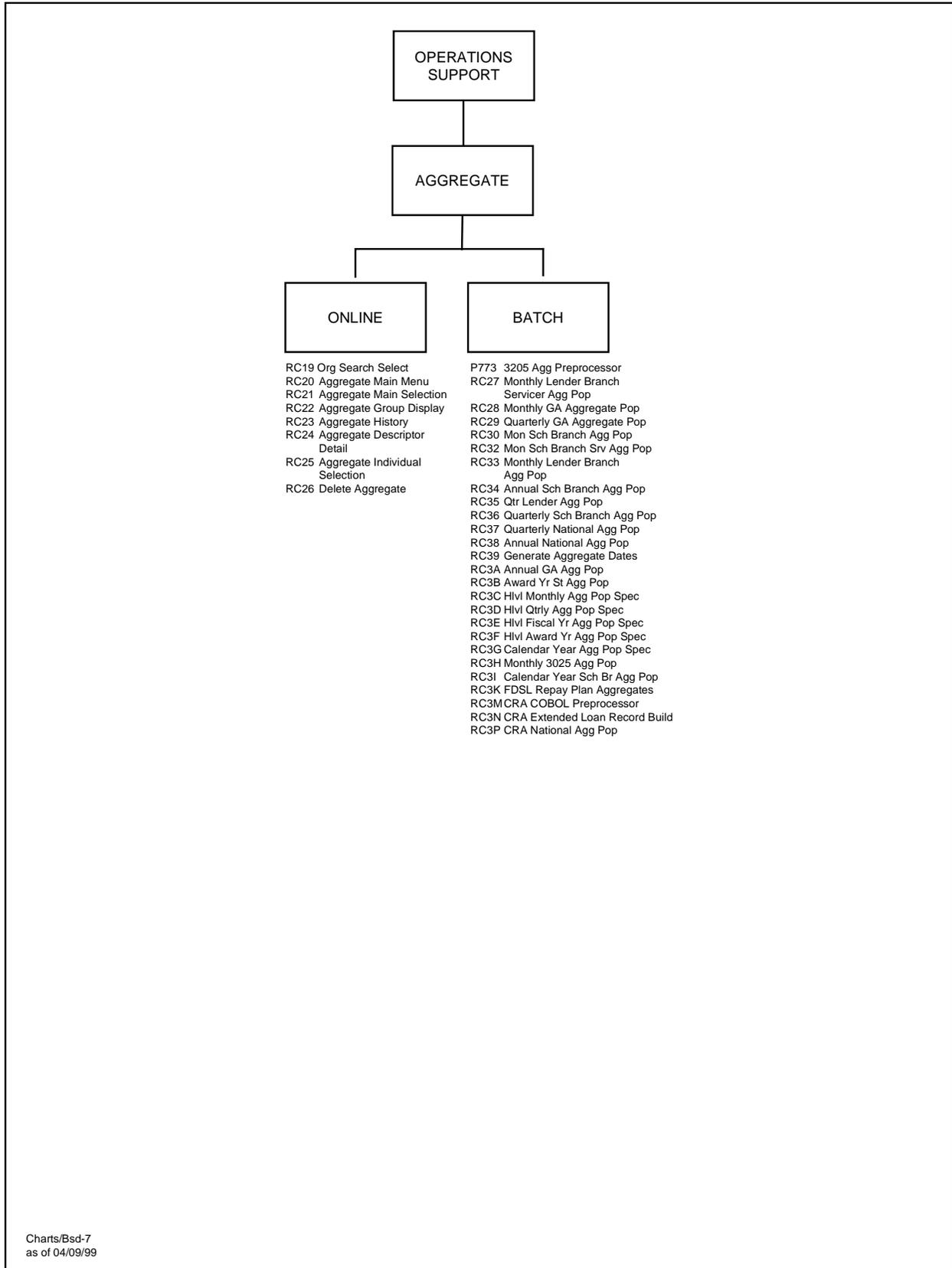


Figure 4-31, Business System Diagram, Reporting Capabilities 2-2: Aggregates

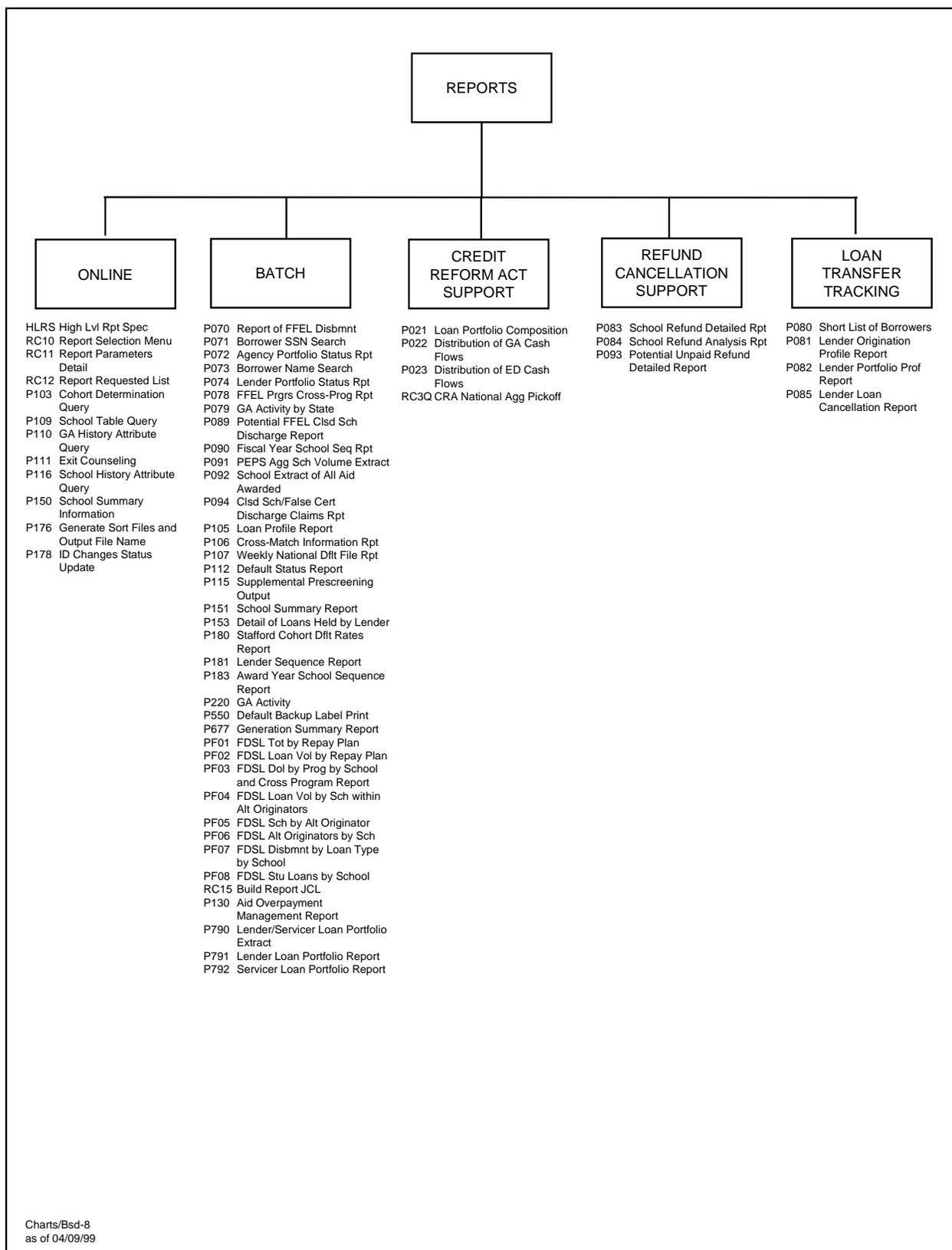


Figure 4–32, Business System Diagram, Reporting Capabilities 3: Reports

## 4.4.8 Data Model

The NSLDS data model serves as a broad gauge of what information is available in the system and is, therefore, a valuable reference point for an experienced user. This section presents the data model and its seven subject areas so users will better understand the basic structure of the NSLDS and thus be able to use its system capabilities more efficiently.

The NSLDS data model was constructed using Sterling Software’s COOL:Gen Computer Aided Software Engineering (CASE) tool, formerly Texas Instruments’ Information Engineering Facility (IEF). The COOL:Gen data model is based on a hierarchy of objects. Higher level objects decompose into lower level objects; for example, a COOL:Gen model name decomposes into subject areas, and subject areas decompose into entities and their relationships. The data model groups subject areas, and subject areas group closely related entities. Entities are collections of business data on which business functions operate. Data model diagrams depict relationships as lines that connect entities. Model names, subject areas, and entities are depicted as squares.

Business analysts use COOL:Gen’s data model diagrams to check the logical consistency of a database, while database designers use them to produce a physical database using DB2, ORACLE, or a similar product. The NSLDS data model encompasses the seven main subject areas described in Figure 4–33.

Subject Area	Description
Students	Individuals whose education or partial education is funded through Title IV aid programs.
Schools	Institutions of higher education that participate in Title IV aid programs.
Lenders	Financial institutions that lend money under Title IV aid programs.
Guaranty Agencies	Agencies that guarantee Title IV loans for lenders. These agencies also aid in the administration of collections of defaulted loans, reinsurance of defaulted loans, and disbursement of Supplemental Preclaim Assistance for the FFEL program.
Loans	Money borrowed for funding a pre-approved educational program including disbursements, cancellations, deferments, refunds, loan aggregates, and uncollectables. These do not include grants.
FDLP Servicer	Organization that services FDLP loans for ED.
Default Rates	The creation of default rates for lenders, schools, and GAs related to the organizations’ loans in the FFEL program.

*Figure 4–33, Data Model Subject Areas*

As you review the data model and the subject area diagrams, observe the overall structure of the system and the relationships between individual objects. This background is useful in determining whether the information you need is available on the system and how best to access it.

The following paragraphs briefly describe how to read and interpret the graphic presentations, using extracts from the School and Student subject areas as examples. The SCHOOL entity in Figure 4–34 and Appendix A has many attributes, including name, number, and address. SCHOOL BRANCH is another entity type that is related to SCHOOL in a *parent/child* relationship. It has many attributes, including Branch Code, branch name, and so forth. It is in a *child* relationship with SCHOOL because many SCHOOL BRANCHes may exist for a given SCHOOL, and these branches’ existence depends on the SCHOOL entity. This is pictured in Figure 4–34 by the line that connects SCHOOL to SCHOOL BRANCH.

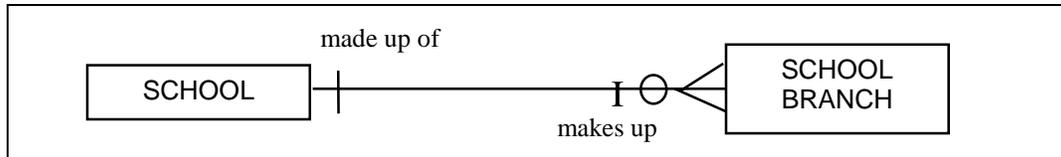


Figure 4–34, School and School Branch Entity Relationship Diagram

The line between SCHOOL and SCHOOL BRANCH also represents a *one-to-many* relationship; the crow’s foot symbol on the SCHOOL BRANCH side of the line is the *many* symbol. This indicates that a SCHOOL may have many SCHOOL BRANCHes. The text and other symbols on the line describe the relationship in more detail. From the SCHOOL entity perspective, a SCHOOL is “made up of” zero, one, or more SCHOOL BRANCHes. The *O-symbol* indicates that the relationship is optional, and that a SCHOOL is not required to have a SCHOOL BRANCH.

The *I-symbol* on the relationship line indicates an *identifying relationship*. Identification of a SCHOOL BRANCH requires identifying elements from a SCHOOL. From the SCHOOL BRANCH perspective, a SCHOOL BRANCH “makes up” one SCHOOL. The vertical bar (|) on the SCHOOL end of the relationship indicates that the relationship is mandatory and that a SCHOOL BRANCH cannot exist without a SCHOOL.

Figure 4–35 defines the symbols displayed on connecting lines between entities in a data model:

Symbol	Name	Relationship	Indicates
	vertical bar	one	Relationship is mandatory.
O	zero	optional	Relationship is optional.
<	crow’s foot	many	The entity closest to this symbol may have multiple occurrences.
I	I	identifier	Requires identifying elements from both entities.

Figure 4–35, Data Model Symbols

SCHOOL and SCHOOL BRANCH represent actual organizations that exist in reality. Sometimes, however, an entity that does not have a corresponding existence in reality has to be created to track information. For example, a *many-to-many* relationship between SCHOOL BRANCH and STUDENT exists because a SCHOOL BRANCH can have many STUDENTs

attending and a STUDENT can attend many SCHOOL BRANCHes. *Many-to-many* relationships are not allowed in relational databases such as ORACLE or DB2. Therefore, *many-to-many* entity relationships are transformed creating a new associative entity. The STUDENT BRANCH associative entity contains values from the SCHOOL BRANCH entity and values from the STUDENT entity to show which SCHOOL BRANCH a STUDENT is attending. This is the case with the STUDENT BRANCH entity in Figure 4–36 where a STUDENT BRANCH associative entity was created to eliminate or resolve the *many-to-many* relationship.

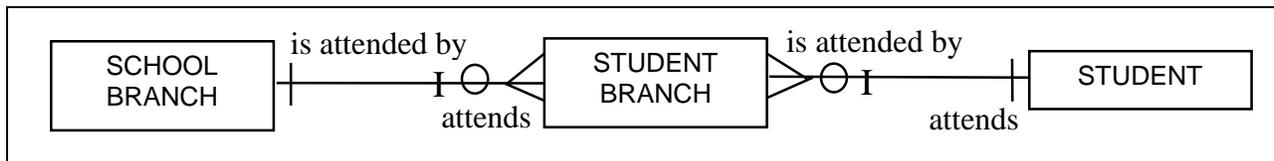


Figure 4–36, School Branch, Student Branch, and Student Entity Relationship Diagram

STUDENT BRANCH is known as an *associative* entity type because it tracks the association between a SCHOOL BRANCH and a STUDENT; the name is a derivation of the two entity types that are being associated. It is used as a cross-reference to track all the STUDENTs that attend a SCHOOL BRANCH as well as the different SCHOOL BRANCHes that a STUDENT may attend. This could be represented with a relationship line between SCHOOL BRANCH and STUDENT. However, important information must be tracked at this SCHOOL BRANCH / STUDENT intersection such as *expected graduation date* as well as the keys to identify a particular SCHOOL BRANCH that a particular STUDENT is attending. It would be incorrect to store this information at the SCHOOL BRANCH level or the STUDENT level since both a particular SCHOOL and a particular STUDENT must be known before *expected graduation date* can be recorded. For this reason, an associative entity type is used. It is also known as an *intersection* entity type and is quite common in other NSLDS subject areas.

## 4.5 Entity/Attribute Table

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
ACCT_CALNDR A	Accounting Calendar  The calendar that determines when the Chargeback reports, invoice to ED, non-ED invoices and interface file, and query data are to be processed.	BEG_DT	The date the accounting month begins.	D	8				
		DEST_PT_VAL_DT	Date that the Title IV WAN destination point validation file is due to us from Title IV WAN. This date is seven days prior to the DATE FILE DUE to Title IV WAN.	D	8				
		END_DT	The date the accounting month ends.	D	8				
		GES_FILE_DUE_DT	Date that invoice finishing file is due to Title IV WAN each processing period.	D	8				
		MO	The accounting calendar month. Valid values are '1' through '12'.	N	2	2			
		PROC_DT	The date the invoicing process was completed for a particular accounting month. This field will be populated during the invoice processing each accounting month. The current month's processing will be the earliest accounting month that does not have the field populated.	D	8				
	YR	The accounting year.	N	4	1				
AGG_DESC A	Aggregate Descriptor  Provides descriptive information on the reason for aggregating a number or amount. Many of the components of an aggregate are optional. They are meaningful for a particular aggregate only when they are populated. This is a designer added entity and is fully identified by ID, which is a unique number assigned by the designer of the aggregate. The user does not need to know this ID as data may be retrieved based on the components of each aggregate.	AGGR_NM	A name assigned by ED to indicate the purpose of an aggregate.	C	60				
		FREQ	Indicates what time period applies to the aggregate calculated (i.e. monthly, quarterly, yearly).	C	30				
		ID	The unique identifying code for the main aggregate.	N	4	1			
AGG_DESC_DET A	Aggregate Descriptor Detail  Provides descriptive information indicating the reason for aggregating a number or an amount. The descriptive information is a value that is always associated with an aggregate item to indicate the meaning of the value. This is a designer added entity and is fully identified by ID, which is a unique number assigned by the designer of the aggregate. The user does not need to know this ID, as data may be retrieved by the components relevant to each aggregate.	DESC_ID	The unique identifying code for the main aggregate.	N	4	1			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ID	A unique identification of the aggregate detail code. It allows for grouping of aggregate descriptor items.	N	4	2			
AGG_DESC_ITEM A	Aggregate Descriptor Item Provides the actual value for an AGGREGATE_ITEM. For instance, if the value in AGGREGATE_ITEM is 'Loan Type', the value in this entity type may contain 'STAFFORD'.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	2	4			
		DESC_ID	The unique identifying code for the main aggregate.	N	2	1			
		DSPL_ORD	This is the order in which the aggregate item will be displayed on the aggregate inquiry selection screens.	N	2	2			
		ITEM_NM	A descriptive term to indicate the basis for an aggregate such as 'Loan Type'.	C	30				
		SYS_CR_DT	The Date the item was created in the system.	D	8	5			
		VAL	Indicated the actual value for the associated Aggregate Item. For example, if the Aggregate Item is 'Loan Type', then the actual value in this entity may be 'Stafford'.	C	15	3			
AGG_DESCN A	Aggregate Description Describes the aggregate computation.	DESC_ID	The unique identifying code for the main aggregate.	N	4	1			
		DESCN_LINE	Detailed description outlining the reason for the existence of an aggregate.	C	60				
		ID	The unique identifying code for an aggregate.	N	2	2			
AGG_ORG A	Aggregate Organization This entity represents the type of aggregate institution the aggregate descriptor is related to. This information could be obtained by reading the different relationships applicable to the current aggregate. This would cause poor performance however. This entity will increase performance by reducing the need for DB2 joins.	NM	This attribute will permit tracking the type of institution involved in the aggregate number.	C	20				
		TYPE	This code corresponds to a specific organization type. Valid values are: '01'-lender, '02'-GA, '03'-lender servicer, '04'-school, '05'-school servicer, '06'-state, '07'-region, and '08'-national.	C	2				
AGG_PURP A	Aggregate Code and Purpose Provides descriptive information on the purpose of aggregate descriptor and the aggregate it describes.	DESC_ID	The unique identifying code for the main aggregate.	N	4	1			
		DESCN_LINE	Describes the purpose of an Aggregate Descriptor and what is included in calculation.	C	60				
		ID	The unique identifying code for an aggregate.	N	2	2			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
AID_OVRPMT	<p>Aid Overpayment</p> <p>The entity captures the overpayment status of a grant or a loan. The data is entered online by the school. The overpayments are not related to any loan or grant. The overpayment information is used by FAT and Prescreening SAR functions to determine the eligibility of a student to receive any additional financial aid. Aid overpayment is for: Pell Grant, State Student Incentive Grant, Supplemental Educational Opportunity Grant, or Perkins Loan.</p>	AID_TYPE	There is no default value. The value may be 'PK' for Perkins, 'SS' for SSIG, 'SE' for SEOG and 'PE' for Pell.	C	2	5			
		DIS_DT	Disbursement Date that caused the overpayment.	D	8	6			
		INACT_IND	None	C	1	0			
		OVRPMT_IND	R indicates a repaid status. S indicates satisfactory arrangements made to repay loan. Y indicates an overpayment.	C	1	0			
		REG_CODE	The region of ED that is responsible for collecting aid overpayment amounts.	C	2	0			
		RPMT_DT	Date on which the overpayment was repaid. Applicable only when the overpayment indicator is equal to 'R'.	D	8	0			
		SCH_BR_CODE	The school branch code associated with this overpayment.	C	2	4			
		SCH_CODE	The school code associated with this overpayment.	C	6	3			
		SRC	Contains the value for source of overpayment. It represents the owner of the overpayment, which is the school, the Department of Education, Debt Collection Systems. If it is held by the school, it will contain the value 'SCH'. If held by the Department of Education it will contain the value 'EDR'. When it is in transition, that is being moved from the school to the Department it will have the value 'TRF'. The ED Debt Collection System can update the records that have the source value 'EDR' or 'TRF'. A school can update the record only when this value is 'SCH'.	C	3	0			
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		SYS_CR_DT	Date on which the overpayment was entered.	D	8	0			
UPDT_DT	Date on which the overpayment was modified. Applicable when the overpayment changes from 'Y' to 'R'. When the overpayment is set to 'Y' this date will be same as Create Date.	D	8	0					
UPDT_USER_ID	NSLDS user id of user who updated the overpayments.	C	8	0					

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
COLL A, O	Collection Collections on defaulted loans and/or recovery from bankrupt borrowers.	CUM_INT_AMT	Cumulative amount of guaranty agency interest collections or bankruptcy recovery applied to loan interest.	N	6				
		CUM_PRIN_AMT	Cumulative amount of guaranty agency principal collections or bankruptcy recovery applied to loan principal.	N	6				
		DT	Date of principal and interest collected by GA for default collections and bankruptcy recovery.	D	8	7			
		GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	5			
		GA_RESP_BEG_DT	Begin date when the GA became responsible for a particular loan.	D	8	6			
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		INT_AMT_DIFF	The difference between the Cumulative Interest Amount in whole dollars from a particular Collection Date and the Cumulative Interest Amount from the previously reported Collection Date.	N	6				
		LOAN_GUA_SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	4			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		PRIN_AMT_DIFF	The difference between the Cumulative Principal Amount in whole dollars, from a particular Collection Date and the Cumulative Principal Amount from the previously reported Collection Date.	N	6				
		SYS_CR_DT	Date when this collection was added to NSLDS.	D	8				
DFR_TYPE A, O	Deferment Type	CODE	Code indicating the type of deferment.	C	2	1			
		DESCN	Description of deferment type.	C	60				
EXP_STU_ENRL A, O	Expected Student Enrollment Records the information about student's enrollment plans in various terms.	CODE	This reflects the enrollment of the student for a term. Valid values are: '1'- full time; '2'-3/4 time; '3'-half-time; '4'-less than half-time; and '5'-not enrolled.	C	1				
		SCH_TERM_CODE	This indicates the term. The values are: 'FL'-Fall; 'WN'-Winter; 'SP'-Spring; 'S1'-Summer1; and 'S2'-Summer2.	C	2	4			
		STU_DEM_CALNDR_YR	Calendar year for which the demographic date for a student is provided.	N	4	3			
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
FDSLPSVR A, O	FDLP Servicers An agency that services FDSLPS loans for the Department of Education.	CITY	The city in which the FDLP Servicer is located.	C	20				
		CODE	Three-digit code for the FDLP Servicer which is assigned by ED.	C	3	1			
		NM	The name of the FDLP Servicer.	C	40				
		PH	The area code and telephone number for the FDLP Servicer.	C	12				
		ST	The state in which the FDLP Servicer is located.	C	2				
		STR_ADD	The street address of the FDLP Servicer.	C	50				
		ZIP_CODE	The zip code for the FDLP Servicer.	C	9				
FDSLPSVRBRHOL A, O	FDLP Servicer Branch Holder Record of each servicer branch that has held a particular loan	CLOSDSCHFALSECR	Indicator that a loan was discharged because of a school closed or there was a false certification.	C	1				
		FDSLPSVRBRCODE	Two-digit ED code for uniquely identifying a branch of a FDLP servicer.	C	2	5			
		FDSLPSVRCODE	A code identifying the specific organization that has serviced a loan.	C	3	4			
		IDSTUSEQNO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	2	2			
		LOANNO	NSLDS-generated code uniquely identifying a specific loan.	N	4	1			
		LOANSEQNO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		RESPBEGDT	The date when the FDLP Servicer became responsible for a particular loan.	D	8	6			
		RESPENDDT	The date when the FDLP Servicer stopped being responsible for a particular loan.	D	8				
FINANC_PROF A, O	Financial Profile Records financial profile of a student and his relatives. Relatives are Parent, father, mother and spouse. Summing of financial stability or burden of a student can be derived.	ADJGRSINCM	Adjusted gross income of student/parent as reported on tax form.	N	6				
		AFDCADCINCM	Yearly total of untaxed income from AFDC or ADC received.	N	5				
		BUSDEBTAMT	The total amount owed on any business owned by the student/parent.	N	7				
		BUSVALAMT	The total value of any business owned by the student/parent.	N	7				
		CATG_CODE	Indicator which represents the financial profile of student or applicant's parent, spouse, father, or mother. Values are: 'S'-student (applicant) or 'P'-parent	C	1	4			
		CHILDSUPRTAMT	The total amount of child support received for all children per year.	N	5				
		EXCLINCM	Income that must be excluded to compute the aid eligibility.	N	5				
		FAMMEMCNT	Number of family members in applicant's family.	N	2				
		FAMMEMCOLLG_CNT	Number of applicant's family members who are attending college.	N	2				
		FARMDEBTAMT	The total amount owed on any farm owned by student/parent.	N	7				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		FARM_VAL_AMT	The total value of any farm owned by the student/parent.	N	7				
		FATH_EARN_INCM	Student's father's earned income from work.	N	6				
		INCM_TAX_FORM_CODE	Indicator which represents the type of tax form filed by applicant/parent. Values are '1'-Form 1040A or 1040EZ; '2'-Form 1040; '3'-Estimated Form 1040A or 1040EZ; '4'-Estimated Form 1040; '5'-No tax returns filed; and blank-did not report.	C	1				
		INCM_TAX_PAID	Amount of U.S. tax paid by the student/parent.	N	6				
		MOTH_EARN_INCM	Student's mother's earned income from work.	N	6				
		OTH_SRC_INCM	Income from other sources.	N	5				
		REAL_EST_DEBT_AMT	The total amount owed on other real estate and investments of the student/parent not including their principal place of residence.	N	7				
		REAL_EST_VAL_AMT	The total value of real estate and investments of the student/parent.	N	7				
		RES_ST	Student/student's spouse/parent's state of residence.	C	2				
		SPS_EARN_INCM	Student's spouse's earned income from work.	N	6				
		SS_BEN_INCM	Yearly total of untaxed income from social security benefits received by applicant/parent.	N	5				
		STU_DEM_CALNDR_YR	Calendar year for which the demographic date for a student is provided.	N	4	3			
		STU_EARN_INCM	Student's earned income from work.	N	6				
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		TOT_CASH_AMT	The total amount of cash, savings, and checking accounts of student/parent.	N	6				
FS_SBMTL_HIS A	FDLP Submittal History	ACT_SBMTL_DT	The actual date the submittal was received from the provider.	D	8				
		ALL_ERR_RESLV_DT	The date that all errors were resolved for this submittal.	D	8				
		CODE	The FDLP Servicer/Branch code that is received on the Error Tracking Submittal File Header.	N	5	2			
		CUM_ERR_CNT	The cumulative number of errors that have occurred.	N	9				
		CUM_RUN_TOT	The cumulative number of records processed.	N	9				
		DAY_LT	The number of days late the submission was when it was received.	N	4				
		ERR_RT	This field is the error rate for a specific submittal run. It helps track providers exceeding ED specified thresholds for error percent.	N	5				
		FREQ_IND	This attribute represents the weekly interval between submittals from the data providers, such as a '1' means one week (7 days), a '2' means two weeks (14 days).	N	2				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		INIT_IND	Indicates if this scheduled submittal is the initial submission for this provider. Values are 'Y' or blank.	C	1				
		JOB_COMPL_DT	The attribute signifies the date that this submittal has completed processing by NSLDS.	D	8				
		JOB_COMPL_TM	This attribute signifies the time that this submittal has completed processing by NSLDS.	T	8				
		LVL_ONE_ERR_TOT	The number of records with errors that occurred in Level One processing.	N	9				
		LVL_THREE_ERR_TOT	The number of records with errors that occurred in Level Three processing.	N	9				
		LVL_TWO_ERR_TOT	The number of records with errors that occurred in Level Two processing.	N	9				
		RECD_DT	Date this submittal was received by NSLDS.	D	8				
		SCHED_SBMTL_DT	The scheduled submittal date for the providers' submission.	D	8	1			
		STAT	The status of the submittal run. Permitted values are: 'O'-- the submittal run is open; 'C'--the submittal run is closed; 'M'--the submittal run was missed; and 'U'-- unused. The default value is 'U'.	C	1				
		TOT_RCD_PROC	The total records processed in the Level One Verification. This number is used to determine the error rate for the submittal.	N	9				
FS_SBMTL_RUN_ERR A	FS Submittal Run Errors	DOB	The student's date of birth.	D	8	3			
		ERR_CODE	The error code for this specific error.	N	4	12			
		ER_SRC_IND	This indicator represents the type of error found (Level One or Level Three) and if Level One indicated whether found at NSLDS Data Center or Data Provider site.	C	1				
		FFEL_DUP_ID	This attribute uniquely identifies those FFEL loans where DATE_OF_GUARANTY does not provide sufficient uniqueness. Valid values are 'A' through 'Z'.	C	1	7			
		FLD_IN_ERR_CODE	The code of field in error.	N	3	11			
		LOAN_DT	The date of guaranty for this loan.	D	8	6			
		PLUS_BOR_SSN	The PLUS borrower social security number that is associated with this loan.	C	9	9			
		RCD_TYPE_IND	Indicator of the type of record in which the error was found such as database extract, past period change, and so on.	C	1	10			
		SBMTL_HIS_CODE	The GA code received on the Error Tracking Submittal File Header.	N	3	1			
		SBMTL_HIS_SBMTL_DT	The Scheduled Submittal Date for this provider's submission.	D	8	13			
		SCH_CODE	The school code associated with this loan. Includes branch code.	N	8	8			
		STAT	The status of this particular error. Permitted values are 'O'--open error and 'C'--closed error. Default value is 'O'	C	1				
		STU_FST	The student's first name.	C	12	4			
		STU_SSN	The student's social security number	C	9	2			
		TYPE	The type of loan.	C	4	5			
GA A, O	Guaranty Agency	CITY	The city in which an institution guaranteeing an FFEL Program Loan resides.	C	20				
		CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	1			
		NM	The name of an institution guaranteeing an FFEL Program Loan.	C	40				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ST	The two-character code for the state in which an institution guaranteeing an FFEL Program Loan resides.	C	2				
		STR_ADD	The street address of an institution guaranteeing an FFEL Program Loan.	C	50				
		ZIP_CODE	The postal zip code of an institution guaranteeing an FFEL Program Loan.	C	9				
GA_AGG A	GA Aggregate Summary data for Research and policy activities as well as for Audit purposes and for Billing.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	4	3			
		DESC_ID	The unique identifying code for the main aggregate.	N	4	1			
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	2			
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor.	N	9				
		RPT_BEG_DT	The beginning period for which an aggregate will be computed.	D	8	4			
		RPT_END_DT	The ending period for which an aggregate will be computed.	D	8	5			
		SYS_CR_DT	The date on which this entity was created.	D	8				
GA_SBMTL_HIS A	GA Submittal History This table serves as a schedule table for data population. It is also used to help track errors.	ACT_SBMTL_DT	Date (year, month, and day) the Extract file was created by the data provider.	D	8				
		ALL_ERR_RESLV_DT	The date that all errors were resolved for this submittal.	D	8				
		CODE	The GA code that is received on the Error Tracking Submittal File Header.	N	3	2			
		CUM_ERR_CNT	The cumulative number of errors that have occurred.	N	9				
		CUM_RUN_TOT	The cumulative number of records processed.	N	9				
		DAY_LT	The number of days the submission was late.	N	4				
		ERR_RT	This field is the error rate for a specific submittal run. It is used to help track providers who exceed ED specified thresholds for error percentage.	N	5				
		FREQ_IND	This attribute represents the weekly interval between submittals from the data providers; i.e., a '1' means one week (7 days), a '2' means two weeks (14 days), etc.	N	2				
		INIT_IND	Indicates if this scheduled submittal is the initial submission for this provider. Values are 'Y' or blank.	C	1				
		JOB_COMPL_DT	This attribute signifies the date that this submittal completed processing through NSLDS.	D	8				
		JOB_COMPL_TM	This attribute signifies the time that this submittal completed processing by NSLDS.	T	8				
		LVL_ONE_ERR_TOT	The number of records with errors that occurred in Level One processing.	N	9				
		LVL_THREE_ERR_TOT	The number of records with errors that occurred in Level Three processing.	N	9				
		LVL_TWO_ERR_TOT	The number of records with errors that occurred in Level Two Delta processing.	N	9				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		NOTIF_HIS_ID	An added attribute containing code tracking pro forma letter distribution.	N	9				
		RECD_DT	Date this submittal was received by NSLDS.	D	8				
		SCHED_SBMTL_DT	The Scheduled Submittal Date for this provider's submission.	D	8	1			
		STAT	The Status of the submittal run.	C	1				
		TOT_RCD_PROC	The total records processed in Level One Verification. This number is used to determine the error rate for the submittal.	N	9				
GA_SBMTL_RUN_ERR A	GA Submittal Run Errors  This table is used to store all errors that occur through data submittals.	DOB	The Student's Date of Birth.	D	8	3			
		ERR_CODE	The error code for this specific error.	N	4	12			
		ERR_SRC_IND	Represents the type of error found (Level One or Level Three), and if Level One indicates whether found at NSLDS Data Center or this data provider's site.	C	1				
		FFEL_DUP_ID	This attribute will uniquely identify those FFEL loans where Date of Guaranty does not provide sufficient uniqueness (i.e., for the same student at the same school for the same loan type, two or more FFEL loans may be issued on the same day). Values are 'A' through 'Z.'	C	1	7			
		FLD_IN_ERR_CODE	The error code of field in error.	N	3	11			
		GUA_DT	The Date of Guaranty for this loan.	D	8	6			
		PLUS_BOR_SSN	The PLUS Borrower Social Security Number that is associated with this loan.	C	9	9			
		RCD_TYPE_IND	Indicator of the type of record in which the error was found (i.e., database extract, past period change, etc.)	C	1	10			
		RESLT_DT	The date this error was closed.	D	8				
		SBMTL_HIS_CODE	The GA code that is received on the Error Tracking Submittal File Header.	N	3	1			
		SBMTL_HIS_SBMTL_DT	The Scheduled Submittal Date for this provider's submission.	D	8	13			
		SCH_CODE	The school code that is associated with this loan (OPE ID).	N	8	8			
		STAT	The status of this particular error.	C	1				
		STU_FST	The student's first name.	C	12	4			
		STU_SSN	The student's social security number.	C	9	2			
		TYPE	The type of loan code.	C	4	5			
GA_SUMMARY	Summary data for Research and policy activities as well as for Audit purposes and for Billing. This consists of summarized data from NSLDS as well as those received from FFEL systems. For Monitoring Reasonability this includes data received for ED1130, ED1189 and ED799. Corresponding NSL summary data are also stored in this entity. But the summarized data may also include purely NSLDS data for which no corresponding data from other systems are applicable or comparable.	D_REPORT_BEGIN_DATE	Start date for which the report is to be generated. Normally this is the beginning of a Quarter or a Month.						
		D_REPORT_END_DATE	End date for which the report is to be generated. This is normally end of quarter or end of a month						
		D_SYSTEM_CREATE_DATE	For NSLDS it is the date on which the summary was created. For ED 1130 line item it is the date when the submittal file was created by the GAQ system. Format is CCYYMMDD.						

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		D_SYSTEM_CREATE_TIME	For NSLDS it is the date on which the summary was created. For ED 1130 line item it is the date when the submittal file was created by the GAQ system. Format is CCYYMMDD.						
		D_SOURCE	This will identify the source of the Summary information. For NSLDS computed form 1130 information it will be NSL1130. The corresponding ED1130 line item data from GAQ will be ED1130. Similarly it will be NSL1189 and ED1189 for form 1189 processing. For information not related to any of the forms it will be simply NSLDS.						
		D_NUMBER	A calculated total number of loans or accounts based on the associated AGGREGATE_DESCRIPTOR. Note that this attribute is optional.						
		D_AMOUNT	A calculated total dollar amount based on an associated AGGREGATE_DESCRIPTOR. Note that this attribute is optional. Examples of summarized amounts would be Loan Amount Guaranty, Amount of Cancellations, Claim Amount, Repurchase Amount, etc.						
		D_COMPUTE_TYPE	This represents the type of computation for the summarized data. First time it will be set to 'O' which implies it is Original Computation for NSLDS summarized data. For ED form data it represents the first time reporting for a specific period. If the data were to be received more than once or computed multiple						
INSUR_CL_PMT A, O	Insurance Claim Payment The amount paid by a GA to a lender when the borrower defaults on a loan, declares bankruptcy, becomes disabled, dies, attends a school that closes or is certified falsely, or cured default.	AMT_DIFF	The difference between the Cumulative Amount Paid, in whole dollars, from a Lender to a GA on a particular Date Paid and the Cumulative Amount Paid from a Lender to a GA on the previously reported Date Paid.	N	6				
		CUM_AMT	Total amount of principal and interest (dollars only), including supplemental claims, paid to a lender by a guaranty agency for an individual insurance claim on an FFEL Program Loan.	N	6				
		DT	The date on which a GA paid a default claim to a lender.	D	8				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2	2		
		LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4	5	5		
		LEN_CODE	Six-digit ED code indicating current lender of a program that holds the promissory note.	C	6	4	4		
		LEN_HOL_SEQ_NO	An added sequence number to keep an occurrence of this entity unique.	N	2	6	7		
		LEN_HOL_SYS_CR_DT	Date when this Lender Branch Holder was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine to which month the amount applies.	D	8	8	6		
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1	1		

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3	3		
		RSN_CODE	The reason a claim was paid to a lender including borrower death, disability bankruptcy, default, closed school or false certification.	C	2				
		SEQ_NO	An added sequence number to help keep each occurrence of this entity unique.	N	2	7			
		SYS_CR_DT	Date when this Insurance Claim Payment was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8	9	9		
		VAL_IND	Value of 'N' indicates an entity occurrence is no longer correct. This indicates that a new entity occurrence has been added which contains the correction. Note: incorrect information cannot be deleted because of the need for historical data in the default rate calculations.	C	1		8		
INSUR_CL_RFD A, O	Insurance Claim Refund The refund amount from a lender to a GA when a GA has overpaid an insurance claim.	AMT_DIFF	The difference between the Cumulative Amount Paid, in whole dollars, from a Lender to a GA on a particular Date Paid and the Cumulative Amount Paid from a lender to a GA on the previously reported Date paid.	N	6				
		CUM_AMT	Dollar amount, in whole dollars, of a refund from a lender to a guaranty agency.	N	6				
		DT	The date on which a refund was received by a GA from a lender.	D	8	8	8		
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2	2		
		LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4	5	5		
		LEN_CODE	Six-digit ED code indicating current lender of an FFEL Program promissory note.	C	6	4	4		
		LEN_HOL_SEQ_NO	An added sequence number to help keep each occurrence of this entity unique.	N	2	6	7		
		LEN_HOL_SYS_CR_DT	Date when this Lender Branch Holder was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8	7	6		
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1	1		
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3	3		
		SYS_CR_DT	Date when this Insurance Claim Refund was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
IRS_OFF A, O	IRS Offset  A deduction by the IRS from a joint tax return refund. This deduction is only taken if the tax return had a refund.	CUM_INT_COLL_AMT	The cumulative amount collected and applied to interest via IRS offset, net of injured spouse and other refunds.	N	6				
		CUM_PRIN_COLL_AMT	The cumulative amount collected and applied to principal via IRS offset, net of spouse claims and other refunds.	N	6				
		GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	5			
		GA_RESP_BEG_DT	Begin date when the GA was responsible for a particular loan.	D	8	6			
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		INT_COLL_DIFF	The difference between the Cumulative Interest Collection, in whole dollars, from a particular Date of Interest Collection and the Cumulative Interest Collection from the previously reported Date of Interest Collection.	N	6				
		INT_COLL_DT	The date when the IRS offset the refund from a joint tax return.	D	8				
		LOAN_GUA_SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	4			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		PRIN_COLL_DIFF	The difference between the Cumulative Principal Collection, in whole dollars, from a particular Date of Principal Collection and the Cumulative Principal Collection from the previously reported Cumulative Principal Collection.	N	6				
		PRIN_COLL_DT	The date (year, month, and day) through which the GA applied IRS offset interest and/or principal collections to a loan.	D	8				
		SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	7			
		SYS_CR_DT	Date when this IRS Offset was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8	8			
LEN A, O	Lender  A private institution that provides capital for FFEL Programs. This may include credit unions, commercial banks, savings and loan associations, eligible schools, insurance companies, a single agency of a state, or pension funds. There are approximately 11,000 lender participants.	CITY	The city in which an institution issuing an FFEL Program Loan resides.	C	20				
		CODE	Six-digit ED code indicating current lender of an FFEL Program promissory note.	C	6	1			
		NM	The name of an institution lending money for an FFEL Program Loan.	C	40				
		PH_NO	The telephone number of the lender.	C	10				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ST	A two-digit alphabetic code identifying the state in which an institution issuing an FFEL Program Loan resides.	C	2				
		STR_ADD	The street address of an institution issuing an FFEL Program Loan.	C	50				
		TYPE	A code indicating the organization type of an institution issuing an FFEL Program Loan.	C	1				
		ZIP_CODE	The postal zip code for an institution issuing an FFEL Program Loan.	C	9				
LEN_BR A, O	Lender Branch A satellite office of a lender.	CODE	ED code for uniquely identifying a branch of a lender.	C	4	2			
		LEN_CODE	Six-digit ED code indicating current lender of an FFEL Program promissory note.	C	6	1			
		LEN_NM	The name of an institution lending money for an FFEL Program Loan.	C	40				
LEN_BR_AGG A	Lender Branch Aggregate Summary data for Research, Policy and Audit activities.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	4	6	2		
		DESC_ID	The unique identifying code for the main aggregate.	N	4	5	1		
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4	2			
		LEN_CODE	Six-digit ED code indicating current lender of an FFEL Program promissory note.	C	6	1			
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		RPT_BEG_DT	The beginning period for which an aggregate will be computed.	D	8	3	3		
		RPT_END_DT	The ending period for which an aggregate will be computed.	D	8	4	4		
		SYS_CR_DT	The date on which this entity was created.	D	8				
LEN_BR_HOL A, O	Lender Branch Holder Record of each lender who has held a particular loan.	ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4	5			
		LEN_CODE	Six-digit ED code indicating current lender of an FFEL Program promissory note.	C	6	4			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		NM	An added attribute indicating the name of an institution lending money for an FFEL Program Loan.	C	40				
		ORIG_FEE_PAY_IND	Indicates which lender is responsible for paying the origination fees. Values are 'Y' or 'N'.	C	1				
		ORIG_LEN_IND	An attribute indicating who was the original lender for the loan. This attribute is a more efficient way to indicate this information rather than sorting and selecting on date.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		RESP_BEG_DT	Begin date when the lender was responsible for a particular loan.	D	8				
		RESP_END_DT	End date when the lender was responsible for a particular loan. If the value is 9999-12-31, the lender is still responsible.	D	8				
		SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	7			
		SYS_CR_DT	Date when this Lender Branch Holder was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8	6			
		VAL_IND	Value of 'N' indicates an entity occurrence is no longer correct. This indicates that a new entity occurrence has been added which contains the correction (the incorrect information cannot be deleted because of the need for historical data in the default rate calculation area). <spaces> indicates occurrence is valid.	C	1				
LEN_BR_HOL_SVR A, O	Lender Branch Holder Servicer  Record of each servicer who has serviced a particular loan for a particular vendor.	ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4	5			
		LEN_CODE	Six-digit ED code indicating current lender of an FFEL Program promissory note.	C	6	4			
		LEN_HOL_SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	7			
		LEN_HOL_SYS_CR_DT	Date when this Lender Branch Holder was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8	6			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		RESP_BEG_DT	Begin date when a Lender Branch servicer was responsible for servicing a particular loan for a particular lender.	D	8	8			
		RESP_END_DT	End date when a Lender Branch servicer was responsible for servicing a particular loan for a particular Lender.	D	8				
		SVR_CODE	A code identifying the specific organization that has serviced a loan for a lender.	C	6	9			
LEN_BR_SVR A, O	Lender Branch Servicer  An organization/business that provides customer service support for all or a subset of borrowers associated with an FFEL Program lender.	CITY	The city in which a servicer of an institution issuing an FFEL Program Loan resides.	C	20				
		CODE	A code identifying the specific organization that has serviced a loan for a lender.	C	6	1			
		NM	The name of a servicer of an institution lending money for a FFEL Program Loan for a lender.	C	40				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		PH_NO	The telephone number of a servicer of an institution issuing an FFEL Program Loan.	C	12				
		ST	A two-digit alphabetic code identifying the state in which a servicer of an institution issuing an FFEL Program Loan resides for a lender.	C	2				
		STR_ADD	The street address of a servicer of an institution issuing an FFEL Program Loan for a lender.	C	50				
		SYS_CR_DT	The date a lender/servicer is added to the system.	D	8				
		ZIP_CODE	The postal zip code for a servicer of an institution issuing an FFEL Program Loan for a lender.	C	9				
LEN_BR_SVR_AGG A	Lender Branch Servicer Aggregate Summary data for Research, Policy and Audit activities.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	4	5			
		DESC_ID	The unique identifying code for the main aggregate.	N	4	1			
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		RPT_BEG_DT	The beginning period for which an aggregate will be computed.	D	8	3			
		RPT_END_DT	The ending period for which an aggregate will be computed.	D	8	2			
		SVR_CODE	A code identifying the specific organization that has serviced a loan.	C	6	4			
		SYS_CR_DT	The date on which this entity was added to the system.	D	8				
LEN_BR_TRAN_HIS A, O	Lender Branch Transition History The tracking of splits and mergers of lender branches.	NEW_LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4	3			
		NEW_LEN_CODE	Six-digit ED code indicating the current holder of an FFEL Program promissory note.	C	6	4			
		OLD_LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4	1			
		OLD_LEN_CODE	Six-digit ED code indicating current holder of an FFEL Program promissory note.	C	6	2			
		SYS_CR_DT	An added date to indicate when an occurrence of this entity was added to the system. A companion attribute, System End Date, will have high values (12/31/9999) to indicate if an occurrence is the current occurrence. These dates will record the split, transfer or merge of a lender and/or lender/branch.	D	8	5			
LOAN A, O	Loan Long-term, low-interest capital obtained primarily through private lenders for the purpose of financing a student's educational expenses.	ACAD_LVL	Student's academic or grade-level at the school at the time the loan was guaranteed or disbursed.	C	1				
		AMT	Dollar amount of a campus-based loan or a guaranteed loan.	N	6				
		CURR_CAN_DT	An added attribute indicating the latest cancellation date for a loan if that loan has been canceled.	D	8				
		CURR_DFR_START_DT	An attribute indicating the latest deferment start date if a loan is in deferment.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		CURR_DFR_STOP_DT	An attribute indicating the latest deferment stop date if a loan is in deferment.	D	8				
		CURR_DFR_TYPE	An attribute indicating the latest deferment type if a loan is in deferment.	C	2				
		CURR_DIS_DT	An attribute indicating the latest disbursement date for a loan.	D	8				
		CURR_GA_CODE	An attribute indicating the latest Guaranty Agency Code for a loan if the loan has a guarantor.	C	3				
		CURR_LEN_CODE	An attribute indicating the latest Lender Code for a loan if that loan was funded by a lender.	C	6				
		CURR_LEN_SVR_CODE	An attribute indicating the latest lender servicer for a loan if that loan has a lender and that lender has a servicer.	C	6				
		CURR_LOAN_STAT	An attribute indicating the latest status of a loan.	C	2				
		CURR_LOAN_STAT_DT	An attribute indicating the latest status date of a loan.	D	8				
		CURR_MAT_DT	Date a loan enters repayment or is to enter repayment status, regardless of whether or not the borrower actually begins making payments on that date.	D	8				
		DT	This attribute is part of the identifier and has multiple sources depending on the type of loan (FFEL vs. FDLP vs. Campus Based) and the status of the loan. It is normally the date the loan was established.	D	8		1	1	
		ED_FFEL_REG_CODE	The ED region responsible for a loan that has defaulted and is now retained by ED.	C	2				
		FDSL_P_ORIG_SVR	If the school uses an origination method of third party servicer for an FDLP loan, this is the six-digit code for the servicer used. If the school uses an origination method of consortium for an FDLP loan, this is the six-digit code for the servicer or the 8-digit code for the school that originated the loan for the consortium.	C	8				
		FFEL_DUP_ID	This attribute will uniquely identify those FFEL loans where Date of Guaranty does not provide sufficient uniqueness (i.e., for the same student at the same school for the same loan type, two or more FFEL loans may be issued on the same day). Values are 'A' through 'Z'.	C	1				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		INT_RT	For an FFEL Program Loan, this is the interest rate at the time the guaranty is made. For Perkins Loans, this is the interest rate when the loan is disbursed.	N	5				
		INT_RT_CODE	A code indicating whether the interest rate is variable (V) or fixed (F) for the life of a loan. (May also be '8' for 8/10).	C	1				
		LEN_OF_LST_RST_IND	Indicator that a loan is a lender-of-last-resort loan. Values are 'Y' or blank.	C	1				
		LOAN_TYPE	An indicator for a specific loan program (e.g., 'CL'—Consolidated, 'FI'—Federally Insured Student Loan).	C	2				
		NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		ORIG_CNSTM_CODE	None	C	6				
		ORIG_LEN_BR_CODE	ED code for uniquely identifying the original branch of a lender.	C	4				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ORIG_LEN_CODE	Six-digit ED code indicating the original lender of an FFEL Program promissory note.	C	6				
		ORIGN_METHOD	Code reflecting the method used by the school to originate this FDLP loan.	C	1				
		OUT_INT_BAL	The dollar value of the declining accrued interest balance.	N	6				
		OUT_INT_BAL_DT	The date on which the current outstanding accrued interest balance status was updated or verified.	D	8				
		OUT_PRIN_BAL	The dollar value of the declining balance due (principal only) on a Perkins Loan or FFEL or FDSL Program.	N	6				
		OUT_PRIN_BAL_DT	Date on which the value in outstanding principal balance field was updated or verified.	D	8				
		PER_BEG_DT	Date when classes are to begin, as certified by the school on the aid application, for the specific period covered by aid (e.g., loan, grant, CWS).	D	8				
		PER_END_DT	Date when classes are to end, as certified by the school on the aid application, for the specific period covered by aid.	D	8				
		PLUS_BOR_TYPE	Indicates whether a PLUS borrower is a parent or student.	C	1				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2		3	4	
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6			3	
		SEQ_NO	An added attribute that will keep the student number unique in cases where the value for number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3	2		
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9			1	
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4		2	2	
		SUB_IND	An indicator of whether a Stafford loan is eligible for interest subsidy from ED (subsidized vs. non-subsidized).	C	1				
		TOT_CAN	An added attribute indicating the total cancellation amount for a loan if that loan has been canceled.	N	6				
		TOT_DIS	An added attribute indicating the total disbursement amount for a loan.	N	6				
LOAN_CAN A, O	Loan Cancellation Record of full or partial cancellation of a loan.	AMT_DIFF	Dollar amount in whole dollars of each difference derived between the Cumulative Amount on a particular Cancellation Date and the Cumulative Amount on the Cancellation Date prior to it.	N	6				
		CUM_AMT	Cumulative amount of loan or disbursement, in dollars only, that was canceled.	N	6				
		CURR_LEN_CODE	An added attribute indicating the latest Lender Code for a loan if that loan was funded by a lender.	C	6				
		DT	The date on which loan or partial loan was canceled.	D	8	4			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		SYS_CR_DT	Date when this Loan Cancellation was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				
		TYPE	One of the legal reasons for repayment of loan principal and/or interest being deferred (e.g., 'CP'–Peace Corps, 'EH'–Economic Hardship).	C	2				
LOAN_DFR A, O	Loan Deferment One of the legal reasons for repayment of loan principal and/or interest being deferred. Examples include PEACE CORP, Economic hardship, and Armed forces.	ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		START_DT	The date on which a legal deferment actually begins.	D	8	4			
		STOP_DT	The date on which a legal deferment is projected to end.	D	8				
		SYS_CR_DT	Date when this Loan Deferment was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				
		TYPE	One of the legal reasons for repayment of loan principal and/or interest being deferred (e.g., 'CP'–Peace Corps, 'EH'–Economic Hardship).	C	2				
LOAN_DIS A, O	Loan Disbursement The dispensing of money to students who have qualified for and received a grant, Perkins loan, FFEL, or college workstudy.	AMT_DIFF	Dollar amount in whole dollars of each difference derived between the Cumulative Amount on a particular date and the Cumulative amount on the date prior to it.	N	6				
		CUM_AMT	The cumulative amount, expressed in whole dollars, of all disbursements of a loan.	N	6				
		CURR_LEN_CODE	An added attribute indicating the latest Lender Code for a loan if that loan was funded by a lender.	C	6				
		DT	Date on which each disbursement was made.	D	8	4			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		SYS_CR_DT	Date when this Loan Disbursement was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				
LOAN_EXTL_ID	Loan External Identification  The identification used by an entity external to NSLDS to refer to a specific loan.	LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		SRC	The NSLDS code for the provider of the identification (e.g. school code, GA code).	C	8	4			
		CODE	The value used by the external entity to identify the loan.	C	21				
		SYS_CR_DT	The date the external loan identification was created on NSLDS.	D	8				
LOAN_GP A, O	Loan Grouping  A representation of the collection or grouping of loans. For example, it provides a mechanism for representing such events as Loan Consolidation where a parent loan (contained in the LOAN entity) groups child loans (also contained in the LOAN entity). Information about the grouping (or the relationship) is stored in this entity.  IMPORTANT NOTE: The actual loan IS NOT stored in this entity. Only information about the relationship between one loan and another is stored.	D_SYS_CR_DT	Date when this Loan Grouping was added to NSLDS. For example, this date represents the date a loan with a consolidated loan with a status of PC was determined to be a part of a consolidation structure as a consolidated loan. This date is critical when determining backup data for default rates.	D	8				
		D_SYS_END_DT	Date when it was determined that this Loan Grouping was no longer part of the consolidation structure. For example, if a data provider corrected a consolidated loan structure to indicate that a particular loan was no longer part of the consolidation, this field would have a valid date. The default value is 12/31/9999.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		GP_ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4		2		
		GP_LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9		1		
		GP_LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4		3		
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		USAGE_IND	The value indicates the purpose of the consolidation structure. A 'C' indicates the record is part of a consolidation for the Title IV consolidation loan program.	C	1	5			
		VAL_IND	Value of 'N' indicates an entity occurrence is no longer correct. This indicates that a new entity occurrence has been added which contains the correction. The incorrect information cannot be deleted because of the need for historical data in the default rate calculation area.	C	1				
LOAN_GUA A, O	Loan Guarantor Records each Guaranty Agency that has guaranteed a loan.	GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	5			
		GA_NM	The name of the institution guaranteeing an FFEL Program Loan.	C	40				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		RESP_BEG_DT	Begin date when the GA was responsible for a particular loan.	D	8	6			
		RESP_END_DT	End date when the GA was responsible for a particular loan. High values (12/31/9999) will be initially populated in this attribute to indicate the current responsible GA.	D	8				
		SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	4			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		SYS_CR_DT	Date when this Loan Guarantor was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				
		VAL_IND	Value of 'N' indicates an entity occurrence is no longer correct. This indicates that a new entity occurrence has been added which contains the correction. The incorrect information cannot be deleted because of the need for historical data in the default rate calculation area.	C	1				
LOAN_MAT_DT_HIS A, O	Loan Maturity Date History This entity records the Date Of Maturity history for a given Loan throughout it's life cycle. This information is necessary to support the ability of the system to supply accurate Backup Data for Default Rates.	ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		MAT_DT	Month and year in which the repayment period on a Stafford, Perkins, or ICL begins or is scheduled to begin. This date is not affected by deferments.	D	8				
		SEQ_NO	A sequence number that keeps an occurrence of this entity unique.	N	2	4			
		SYS_CR_DT	Records the exact date when this occurrence of the entity was created.	D	8	5			
LOAN_RFD A, O	Loan Refund A reduction in loan principal due to either a student withdrawing from courses who is then eligible for a tuition refund or a student who never attends class, but has received a student loan for that coursework. A designer added relationship was added from LENDER_BRANCH_HOLDER to LOAN_REFUND to allow quick retrieval of lender information.	CUM_LEN_REC'D_AMT	Cumulative dollar value of refund returned from school to lender, as reported by lender.	N	6				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LEN_REC'D_AMT_DIFF	The difference between Cumulative Amount by Lender in whole dollars, on a particular Received Date and the Cumulative Amount by Lender on the previously reported Received Date.	N	6				
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		REC_DT	Month, day, and year that a school sends a refund to a lender for an FFEL Program Loan.	D	8	4			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		SYS_CR_DT	Date when this Loan Refund was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				
LOAN_RPMT_PLAN A, O	Loan Repayment Plan	DT_ENTR_RPMT	Date (month, day, year) on which the FDLP loan entered a particular repayment plan.	D	8	4			
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		TERM_IN_MO	The length or term of the repayment plan for an FDLP.	N	3				
		TYPE	Code indicating the type of repayment plan for an FDLP loan in repayment. Permitted values: 'FF'—fixed payment, fixed term; 'FE'—fixed payment, extended term; 'GR'—graduated repayment; 'IC'—income contingent; and 'SP'—special plan/secretary's option.	C	2				
LOAN_STAT A, O	Loan Status Description of the state of a Title IV program loan at a particular time in its loan life cycle.	CODE	Code representing current status of a student's loan, as determined by the loan's current holder.	C	2				
		DT	The date on which the current Loan Status Code became effective.	D	8				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	5			
		SYS_BEG_DT	An added date to indicate when an occurrence of this entity was added to the system. A companion attribute, System End Date, will have high values (12/31/9999) to indicate if an occurrence is still valid. This date is also needed since data may be transmitted to NSLDS at a time later than the actual event. Aggregate calculations will use this to determine which month an aggregation applies.	D	8	4			
		SYS_END_DT	An added date to indicate when an occurrence of this entity is no longer valid. Initially, it will contain high values (12/31/9999) to indicate that an occurrence is a valid occurrence. However, if a correction is made, the field will be populated with the date the system was updated.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		VAL_IND	Value of 'N' indicates an entity occurrence is no longer correct. This indicates that a new entity occurrence has been added which contains the correction. The incorrect information cannot be deleted because of the need for historical data in the default rate calculation area.	C	1				
LOAN_SUPP A	<p>Loan Supplement</p> <p>This is a designer added entity with all denormalized, designer added attributes. It will only exist for the 5-7% of the loans which have refunds, insurance claims, etc. It will only contain the most recent values for a given loan. The time-based detail will still be in the dependent entities. The primary benefit of this entity will be to increase the performance of the processes loading data into NSLDS. These processes will check this entity first to determine if a value has changed from one load cycle to the next. If no change has occurred, then the dependent entity does not need to be accessed. This entity could also be used for other purposes (i.e., reporting on troubled loans). Notice also that most of the amount attributes represent cumulative amounts. The identifier for this entity will be the same as the LOAN identifier (1:1 relationship with LOAN will bring down the Loan ID as a foreign key).</p>	CURR_INSUR_CL_RSN	An attribute indicating the latest insurance claim reason code for a loan.	C	2				
		CURR_INSUR_PMT_DT	An attribute indicating the latest date for an insurance claim payment for a loan.	D	8				
		CURR_INSUR_RFD_DT	An attribute indicating the latest date for an insurance claim refund for a loan.	D	8				
		CURR_INT_COLL_DT	An attribute indicating the latest date for interest collections for a loan.	D	8				
		CURR_OFF_INT_DT	An attribute indicating the latest IRS offset interest date for a IRS offset for a loan.	D	8				
		CURR_OFF_PRIN_DT	An attribute indicating the latest IRS offset principal date for a IRS offset for a loan.	D	8				
		CURR_PCA_REQ_DT	An attribute indicating the latest PAC SPA notification request date for a loan.	D	8				
		CURR_PCA_SENT_DT		D	8				
		CURR_PCA_SPA_TYPE	An attribute indicating the latest PCA SPA type for a loan.	C	1				
		CURR_PRIN_COLL_DT	An attribute indicating the latest date for principal collections for a loan.	D	8				
		CURR_REHAB_IND	An attribute indicating whether a loan was rehabilitated when it was repurchased. Values are 'Y' or blank.	C	1				
		CURR_REINSUR_FILDT	Denormalized, designer-added attribute indicating the latest date for a reinsurance claim payment for a loan.  Source: latest occurrence of REINSURANCE CLAIM PAYMENT entity.	D	8				
		CURR_REINSUR_PD_DT	An attribute indicating the latest paid date for a reinsurance claim payment for a loan.	D	8				
		CURR_REINSUR_RFDDT	An attribute indicating the latest refund date for a reinsurance claim refund for a loan.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		CURR_REINSUR_RSN	An attribute indicating the latest reinsurance claim reason code for a loan.	C	2				
		CURR_REINSUR_RT	An attribute indicating the latest reinsurance claim rate code for a loan.	C	1				
		CURR_RFD_REC_DT	An attribute indicating the date the refund was received.	D	8				
		CURR_RPCH_LOAN_DT	An attribute indicating the latest repurchased date for a loan.	D	8				
		CURR_SPA_PMT_DATE	An attribute indicating the latest SPA payment date for a loan.	D	8				
		CURR_SUPP_FEE_BAL	An attribute indicating the current supplemental reinsurance other fees ending balance amount for a loan.	N	6				
		CURR_SUPP_REQ_DT	An attribute indicating the latest Supplemental reinsurance request date for a loan.	D	8				
		CURR_SUPP_RSN_CODE	An attribute indicating the latest supplemental reinsurance payment reason code for a loan.	C	2				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		TOT_INSUR_PMT	An added attribute indicating the TOTAL insurance claim payment amount for a loan. This is a cumulative amount.	N	6				
		TOT_INSUR_RFD	An added attribute indicating the TOTAL insurance claim refund amount for a loan. This is a cumulative amount.	N	6				
		TOT_INT_COLL	An added attribute indicating the TOTAL collection for INTEREST amount for a loan. This is a cumulative amount.	N	6				
		TOT_OFF_INT	An added attribute indicating the TOTAL INTEREST collection amount for a loan with an IRS offset. This is a cumulative amount.	N	6				
		TOT_OFF_PRIN	An added attribute indicating the TOTAL principal collection amount for a loan with an IRS offset. This is a cumulative amount.	N	6				
		TOT_PRIN_COLL	An added attribute indicating the TOTAL collection for principal amount for a loan. This is a cumulative amount.	N	6				
		TOT_REINSUR_PMT	An added attribute indicating the TOTAL reinsurance claim payment amount for a loan. This is a cumulative amount.	N	6				
		TOT_REINSUR_RFD	An added attribute indicating the TOTAL reinsurance claim refund amount for a loan. This is a cumulative amount.	N	6				
		TOT_RFD_REC	An added attribute indicating the TOTAL refund amount received. This is a cumulative amount.	N	6				
		TOT_RPCH_LOAN	An added attribute indicating the TOTAL Repurchased amount for a loan. This is a cumulative amount.	N	6				
		TOT_SPA_PMT	An added attribute indicating the TOTAL SPA PAYMENT for a loan. This is a cumulative amount.	N	6				
		TOT_SUPP_REINSUR	An added attribute indicating the TOTAL Supplemental Reinsurance amount for a loan. This is a cumulative amount.	N	6				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
LOAN_TYPE A, O	Loan Type A record of the Title IV loan programs used by NSLDS (e.g. Stafford, Perkins, etc.). This record also tracks name changes in loan programs.	CODE	The code for a specific loan program.	C	2	1			
		LOAN_TYPE_GP_CODE	A code representing the full name of a loan program.	C	10				
		NEW_LOAN_TYPE	An indicator for a specific loan program.	C	2				
		NM	The name of the loan type.	C	30				
		SYS_CR_DT	The system date on which the loan name was added to the system.	D	8				
LOAN_TYPE_GP A	Loan Type Grouping A collection of similar loan types. This entity was not specified or defined by ED. Rather it was added based on a designer need to report on all loan types within a particular application program without having to hard code the values in computer logic.	CODE	A code representing the full name of a loan program.	C	10	1			
		DESCN	The full name that the CODE represents such as FFEL stands for Federal Family Educational Loans.	C	60				
NATL_AGG A	National Aggregate Summary data for Research, Policy and Audit activities at the national level.	DESC_DET_ID	The unique identifier for the aggregate detail code	N	4	2			
		DESC_ID	The unique identifier for the main aggregate code.	N	4	1			
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		RPT_BEG_DT	The beginning date for which an aggregate is computed.	D	8	3			
		RPT_END_DT	The ending date for which an aggregate is computed.	D	8	4			
		SYS_CR_DT	The date on which this entity was added to the system.	D	8				
OPUT_DISTR A	Output Distribution Records the time and number of NSLDS outputs distributed via tape, diskette, or through the TIV WAN network. Diskette distribution is used for Chargeback purposes, the others are recorded for information purposes only.	ACCT_CALNDR_YR	The accounting calendar year.	N	4				
		ACCT_CALNDR_MO	The accounting calendar month. Valid values are '1' through '12'.	N	2				
		OPER_ID	The identifier of the person who stasured the OUTPUT DISTRIBUTION data.	C	8				
		QTY	The number of output types (two diskettes, four tapes) issued to the user.	N	4				
		RPT_ID	The report id is obtained from the distribution dataset name. It is part of the dataset name.	C	8				
		STAT	The status of the output distribution as relates to delivery to the user. The values are 'O'—Mainframe output produced, 'D'—Delivered, and 'N'—Output not sent.	C	1				
		SYS_CR_TSTAMP	The timestamp of the instant a particular occurrence of this entity type was created.	Q	26				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		TYPE	The method of output distribution. The values are 'D3H' 3.5 High Density, 'D3L' 3.5 Low Density, 'D5H' 5.25 High Density, 'D5L' 5.25 Low Density, 'G' TIV WAN, 'T8' 800 tape, 'T16' 1600 tape, 'T62' 6250 tape, and 'C' cartridge tape.	C	3	2			
		USER_ID	The unique identifier of the user that requested the output distribution.	C	8	3			
ORG A	Organization This is a designer added entity to group different organizations within NSLDS into one entity.	GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3		1		
		LEN_BR_CODE	ED code for uniquely identifying a branch of a lender.	C	4			2	
		LEN_CODE	Six-digit ED code indicating current lender of a program that holds the promissory note.	C	6			1	
		LEN_TYPE	This attribute is only used for lenders and indicates whether the occurrence is for the lender as an originating lender or as the current lender. Values are 'O' and 'C'.	C	1				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2				2
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6				1
		SYS_CR_TSTAMP	An ID to accommodate multiple organization identifiers.	Q	26	1			
		VAL_TRSL_LKUP_ID	Identifying information needed to obtain a resulting value such the key.	C	10				
		VAL_TRSL_LKUP_NM	This indicates the type of validation to be done. Some examples are: Academic Level Codes; Claim Reason Codes; Loan Status Codes; Enrollment Status Codes.	C	30				
PCA_SPA_NOTIF A, O	PCA SPA Notification Records each loan that has had pre-claims and or supplemental pre-claims assistance requested.	CL_ASS_TYPE	Code indicating whether PCA or SPA has been requested on a loan.	C	1				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		NOTIF_SENT_DT	The date a notification was sent by NSLDS to the school indicating that a lender has requested PCA/SPA assistance.	D	8				
		REQ_DT	Month, day, and year on which PCA or SPA was requested by lender.	D	8	4			
PELL_GRT A, O	Pell Grant A form of Title IV assistance that does not require repayment.	ACCPY_ORG_AMT	The total amount of the grant.	N	4				
		ACTD_ACAD_CALNDR	Code indicating the academic calendar that the attended campus uses.	N	2				
		ACTD_COST_OF_ATT	The cost for a student to attend the designated educational institution	N	4				
		ACTD_CRDT_HRS_EXP	Accepted hours expected to complete at the designated attended institution.	N	2				
		ACTD_ENRL_CODE	The enrollment status for a student.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ACTD_HRS_IN_SCH_YR	Accepted hours expected to complete at the designated attended institution.	N	2				
		ACTD_INCARC_IND	This indicates if the student is incarcerated or not.	C	1				
		ACTD_INCARC_ST	The state or US territory in which the recipient is incarcerated.	C	2				
		ACTD_PMT_METHOD	For academic programs of less than 30 weeks, code designating the basis on which the Pell Grant was computed at the attending institution.	C	1				
		ACTD_SEC_EFF_CODE	Code indicating the reason for FAA adjustment to the Pell Grant Index permitted values '1' through '6'.	C	1				
		ACTD_VERIF_STAT	Status code reflecting the school's verification of the applicant data.	C	1				
		ACTD_WKS_ENR	Weeks in school academic calendar year at the designated attended institution where student is enrolled.	N	2				
		ACTD_WKS_IN_PROG	Weeks in school academic program at the designated attended institution.	N	2				
		AMT_PAID_TO_DT	The cumulative amount paid out to the student to date.	N	6				
		ATT_SCH_BR_CODE	Two-digit ED code for uniquely identifying a BRANCH of a SCHOOL.	C	2	4			
		ATT_SCH_CODE	Six-digit ED code for uniquely identifying a SCHOOL.	C	6	3			
		AWARD_YR	The school year for which a Pell Grant is to be used to fund a student's education.	C	4	6			
		BAT_NO	The batch transaction for the student from the data provider.	C	26				
		DIS_DT	The date the award was disbursed.	D	8				
		ENRL_DT	The date that the student was enrolled for the award year.	D	8				
		EXP_FAM_CONTRIB	An index indicating the degree to which the family of an applicant for Title IV aid is expected to contribute to the cost of attending school. Generated through application processing.	N	2				
		HIGH_ACTD_ENRL_COD	The highest enrollment status processed for the designated attended institution.	C	1				
		HIGH_COST_OF_ATT	The highest cost of attendance processed for the designated attended institution.	N	4				
		PCT_ELIG_USED_DECM	This is the percentage eligibility already used at this Reporting/Attended Campus, represented as decimal.	N	5				
		RECD_DT	The date the record was last updated by the data provider.	D	8				
		REMN_AMT_TO_PAY	The remaining amount to pay the student for this segment.	N	5				
		RPT_SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	3			
		RPT_SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	4			
		SCHED_AMT	The dollar amount of the grant.	N	6				
		SEC_FAM_CONTRIB	The alternate index of applicant's eligibility for a Pell Grant as calculated by the Federal Student Aid Application Processing System.	C	5				
		SEG_BAT_NO	The number assigned to the batch in the format YYDDSSS where YY = year, DDD = Julian Day, and SSS = serial number assigned sequentially within the day.	N	4				
		SEG_CR_DT	This is used for matching the record with the Pell system.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		SEG_ELIG_USED	This is the total percentage of eligibility used accumulated from all current segments for this student, represented as decimal.	N	5				
		SEG_LST_UPD_DT	This is used for matching the record with the Pell system.	D	8				
		SEG_NO	Unique number assigned by the Pell system within a specific SAR record to identify a particular payment record.	C	2				
		SEG_OVRAWRD_DIS	Range 0000–2300 for 1993-94, 1994-95; range 00002340 for 1995-96.	N	2				
		SEG_POTEN_OVRAWARD	Valid values are P (potential), C (closed school), S (school), or blank.	C	1				
		SEG_SCH_AS_OF_DT	This is used for matching the record with the Pell system.	D	8				
		SEG_STAT	This is used for matching the record with the Pell system.	C	2				
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_ORG_NM_CODE	This is the first two letters of the last name on the original student aid application.	C	2				
		STU_ORG_SSN	The original SSN specified on the student aid application.	C	9				
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		TRAN_NO	The number assigned sequentially by the Federal Student Aid application system to uniquely identify a specific transaction for the applicant.	C	2				
		TRAN_SEQ_NO	The sequence number used to identify the transaction from the data provider.	N	6				
		TYPE	Identifies the category in which a Grant falls	C	2	5			
PEPS_SBMTL_HIS	PEPS Submittal History Files submitted by PEPS that have been processed by NSLDS	PEPS_CR_DT	Date the submittal extract file was created.	D	8	1			
		RUN_ERR_TOT	Total number of processing errors encountered.	N	6				
		SEQ_NO	A Sequential number which when combined with the PEPS Create Date provides a unique identifier for the entity. Also allows the creation of two PEPS submittals on the same day.	N	5	2			
		STAT	A one-character code to indicate whether the PEPS submittal is open(o) or closed(c).	C	1				
		SYS_CR_TSTAMP	Time stamp to show the date and time the submittal was processed.	T	8				
		TOT_RCD_PROC	The total number of records in the extract file not counting the header or trailer.	N	6				
PEPS_SBMTL_RUN_ERR	PEPS Submittal Run Error This entity is used to store all errors that occur through data submittal from PEPS.	ERR_CODE	Unique number associated with the error message text.	N	4	5			
		FLD_IN_ERR_CODE	Unique number associated with the data field in which the error was identified.	N	4	6			
		REC_TYPE_IND	A one-digit code identifying the type of record in the submittal file. Current permitted PEPS values are 1, 2, 3, 4 and 5.	C	1	7			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		SCH_BR_CODE	A two-digit code, with permitted values from '00' to '99' which when associated with a school code generates a unique OPE ID.	C	2	4			
		SCH_CODE	A unique six-digit code which when combined with a two digit school branch code creates a unique OPE ID.	C	6	3			
PLUS_BOR A, O	PLUS Borrower The individual who takes financial responsibility for the repayment of a student's PLUS Loan.	CURR_FST	An attribute indicating the current first name of a Title IV borrower.	C	12				
		CURR_LST	An attribute indicating the current last name of a Title IV borrower.	C	35				
		CURR_PSEUDO_IND	An attribute indicating the current single-element indicator showing whether the borrower's current Social Security Number is real or a pseudo.	C	1				
		CURR_SSN	An attribute indicating current social security number for a Title IV borrower.	C	9				
		DOB	The birth date of an FFEL PLUS borrower.	D	8				
		MID_INIT	The middle initial of an FFEL PLUS borrower.	C	1				
		NO	The SSN reported at the origination of the record is a unique identifier of a PLUS borrower.	N	9	1			
		RES_ST	The state code for an FFEL PLUS borrower state of residence at the time the loan was guaranteed.	C	2				
		SEQ_NO	An attribute that will keep the PLUS borrower number unique in cases where the value for number is the same for two different borrowers.	N	4	2			
PLUS_BOR_LOAN A, O	PLUS Borrower Loan A record of specific PLUS borrowers who hold specific loans.	ID_STU_SEQ_NO	An attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		PLUS_BOR_NO	The SSN reported at the origination of the record is a unique identifier of a PLUS borrower.	N	9	4	1		
		PLUS_BOR_SEQ_NO	An added attribute that will keep the PLUS borrower number unique in cases where the value for number is the same for two different borrowers.	N	4	5			
		SYS_CR_DT	The system date a PLUS borrower is associated with a loan when added to NSLDS.	D	8	6			
PLUS_BOR_NM A, O	PLUS Borrower Name A record of a PLUS borrower's name as it changes over a period of time due to name changes or to errors.	CURR_NM_IND	Indicates which of the names for a PLUS borrower is the active or current name for that PLUS borrower. Values are 'Y' or blank.	C	1				
		FST	The first name of a Title IV PLUS borrower.	C	12	3			
		LST	Last name of a Title IV PLUS borrower.	C	35	4			
		PLUS_BOR_NO	The SSN reported at the origination of the record is a unique identifier of a PLUS borrower.	N	9	1			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		PLUS_BOR_SEQ_NO	An added attribute that will keep the PLUS borrower number unique in cases where the value for Number is the same for two different borrowers.	N	4	2			
		SYS_CR_DT	The system date when the name was created in NSLDS.	D	8				
PLUS_BOR_SSN A, O	PLUS borrower SSN A record of a PLUS borrower's SSN as it changes over a period of time due to errors.	BOR_DOB	The birth date of a PLUS borrower	D	8				
		CURR_SSN_IND	Indicates which of the SSNs for a PLUS borrower is the active or current SSN for that PLUS borrower. Values are 'Y' or blank.	C	1				
		NO	Social security number for a Title IV PLUS borrower.	C	9	3	1		
		PLUS_BOR_NO	The SSN reported at the origination of the record is a unique identifier of a PLUS borrower.	N	9	1			
		PLUS_BOR_SEQ_NO	An added attribute that will keep the PLUS borrower number unique in cases where the value for Number is the same for two different borrowers.	N	4	2			
		PSEUDO_SSN_IND	A single-element indicator showing whether the PLUS Borrower's Social Security Number is real or a pseudo.	C	1				
		SRC	The code for a GA or school which reported the SSN.	C	8				
		SYS_CR_DT	The system date when the social security number was added to NSLDS.	D	8				
PREF_SCH A	Preferred School Records the information about student's plan of attending schools. A student can have up to six preference of attendance. This records where the student intends to live while attending school. Indicates whether the school is a PELL institution.	FAA_PROF_JUDG_IND	This indicates whether the associated school has made the FAA professional judgment.	C	1				
		HOUSG_CODE	This reflects the housing status of the student. '1'–On campus; '2'–Off campus; '3'–Living with parent; and '4'–Living with relatives other than parent.	C	1				
		NO	This represents the student's preference of school. Student can have a maximum of six preferences.	N	1	6			
		PELL_INSTIT_IND	This indicates whether the associated school is a Pell institution	C	1				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	5			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	4			
		STU_DEM_CALNDR_YR	Calendar year for which the demographic date for a student is provided.	N	4	3			
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
PRSCRN_APPL	Prescreening Applicant Applicant information sent by CPS to NSLDS during an award year for the purpose of prescreening the applicant and returning relevant financial aid information to CPS.	CPS_AWARD_YR	The award year for which the applicant is being prescreened.	C	4	5			
		CPS_DOB	The date of birth of the applicant as provided by CPS.	C	8	4			
		CURR_SSN	The current SSN of the applicant as provided by CPS.	C	9	1			
		FST_NM	The first name of the applicant as provided by CPS.	C	9	2			
		LST_MTCH_RSLT_IND	A denormalized attribute from PRESCREENING RESULT indicating the match result of an applicant's most recent previous prescreening results for a given award year.	C	1				
		LST_NM	The last name of the applicant as provided by CPS.	C	16	3			
		LST_SEQ_NO_USED	A denormalized attribute from PRESCREENING RESULT indicating the sequence number of an applicant's most recent previous prescreening results for a given award year.	N	2				
		RUN_DT_CR	The system date on which the applicant was first prescreened for a given award year.	D	8				
PRSCRN_RSLT	Prescreening Result Relevant financial aid information at the applicant level, extracted from NSLDS and returned to CPS, during the prescreening of an applicant from a specific prescreening run. Sequence number is used to provide uniqueness in the prescreening run since CPS may have submitted the same applicant multiple times within the same run. The prescreening entities provide a snapshot of the information extracted from NSLDS and returned to CPS for an applicant's prescreening.	ACT_BNKRPT_CHG_FLG	A flag indicating a change in the Active Bankruptcy Flag since the applicant's most recent previous prescreening for the same award year.	C	1				
		ACT_BNKRPT_FLAG	A flag indicating the applicant has a loan with an active bankruptcy status.	C	1				
		ADDL_LOAN_FLAG	A Y/N flag indicating the applicant has additional loans which meet the selection criteria but which exceed the number of loans that can be reported to CPS.	C	1				
		ADDL_PELL_FLAG	A Y/N flag indicating the applicant has additional Pell payments which meet the selection criteria but which exceed the number of Pell payments that can be reported to CPS.	C	1				
		AGG_CHG_FLAG	A flag indicating a change in the aggregate information since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening # = change since last prescreening	C	1				
		AGG_CMBN_TOT	Character representation (000000 to 999999) of the sum of the total outstanding principal balance for the applicant's subsidized and unsubsidized loans and the total pending disbursements for the applicant's subsidized and unsubsidized loans. If the applicant has no applicable subsidized and unsubsidized loans, the value 'N/A' will be used.	N	6				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		AGG_CMBN_PND_DIS	Character representation (000000 to 999999) of the total pending disbursements for the applicant's subsidized and unsubsidized loans. If the applicant has no applicable subsidized and unsubsidized loans, the value 'N/A' will be used.	N	6				
		AGG_CMBN_OUT_PRIN	Character representation (000000 to 999999) of the total outstanding principal balance for the applicant's subsidized and unsubsidized loans. If the applicant has no applicable subsidized and unsubsidized loans, the value 'N/A' will be used.	N	6				
		AGG_CONSL_PRIN_BAL	Character representation (000000 to 999999) of the total outstanding principal balance for the applicant's consolidated loans. If the applicant has no applicable consolidated loans, the value 'N/A' will be used.	C	6	0			
		AGG_CONSL_TOT	Character representation (000000 to 999999) of the total outstanding principal balance for the applicant's consolidated loans. Note that there is no pending disbursements value for consolidated loans. If the applicant has no applicable consolidated loans, the value 'N/A' will be used.	C	6				
		AGG_SUB_OPB	Character representation (000000 to 999999) of the total outstanding principal balance for the applicant's subsidized loans. If the applicant has no applicable subsidized loans, the value 'N/A' will be used.	C	6				
		AGG_SUB_PEND_DIS	Character representation (000000 to 999999) of the total pending disbursements for the applicant's subsidized loans. If the applicant has no applicable subsidized loans, the value 'N/A' will be used.	C	6				
		AGG_SUB_TOT	Character representation (000000 to 999999) of the sum of the total outstanding principal balance for the applicant's subsidized loans and the total pending disbursements for the applicant's subsidized loans. If the applicant has no applicable subsidized loans, the value 'N/A' will be used.	C	6				
		AGG_UNSUB_PEND_DIS	Character representation (000000 to 999999) of the total pending disbursements for the applicant's unsubsidized loans. If the applicant has no applicable unsubsidized loans, the value 'N/A' will be used.	C	6				
		AGG_UNSUB_PRIN_BAL	Character representation (000000 to 999999) of the total outstanding principal balance for the applicant's unsubsidized loans. If the applicant has no applicable unsubsidized loans, the value 'N/A' will be used.	C	6				
		AGG_UNSUB_TOT	Character representation (000000 to 999999) of the sum of the total outstanding principal balance for the applicant's unsubsidized loans and the total pending disbursements for the applicant's unsubsidized loans. If the applicant has no applicable unsubsidized loans, the value 'N/A' will be used.	C	6				
		APPL_CPS_AWARD_YR	The award year for which the applicant is being prescreened	C	4	5			
		APPL_CPS_DOB	Date of birth of applicant as provided by CPS.	C	8	4			
		APPL_CURR_SSN	Social Security Number of applicant as provided by CPS.	C	9	1			
		APPL_FST_NM	First name of applicant as provided by CPS.	C	9	2			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		APPL_LST_NM	Last name of applicant as provided by CPS.	C	16	3			
		CPS_BAT_NO	The batch number as provided by CPS. This is not used by NSLDS other than to pass it back to CPS without edit or modification.	C	4				
		CPS_CMPT_NO	The CPS compute number as provided by CPS. This is not used by NSLDS other than to pass it back to CPS without edit or modification.	C	3				
		CPS_NM_ID	The name ID as provided by CPS. This is not used by NSLDS other than to pass it back to CPS without edit or modification.	C	2				
		CPS_SBMT_DT	The serial number as provided by CPS. This is not used by NSLDS other than to pass it back to CPS without edit or modification.	C	8				
		CPS_TRAN	The transaction number as provided by CPS. This is not used by NSLDS other than to pass it back to CPS without edit or modification.	C	2				
		DCSD_FLAG	A flag indicating the applicant has a loan with a status indicating the applicant is deceased.	C	1				
		DEF_LOAN_CHG_FLAG	A flag indicating a change in the Defaulted Loans Flag since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening #= change since last prescreening.	C	1				
		DEF_LOAN_FLAG	A flag indicating the applicant has a loan with a defaulted status.	C	1				
		DSCHG_LOAN_CHG_FLG	A flag indicating a change in the Discharged Loans Flag since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening #= change since last prescreening.	C	1				
		DSCHG_LOAN_FLAG	A flag indicating the applicant has a loan with a discharged status.	C	1				
		MTCH_RSLT_IND	An indication of the result when attempting to match the CPS provided SSN, first name, last name, and DOB to student or parent borrowers in NSLDS.	C	1				
		OVRPMT_CHG_FLAG	A flag indicating a change in the overpayment information since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening #= change since last prescreening.	C	1				
		PELL_CHG_FLAG	A flag indicating a change in the Pell information since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening #= change since last prescreening.	C	1				
		PELL_OVRPMT_CON_CD	A value indicating the organization to contact concerning an applicant's overpayment. If there are no overpayments, the value will be N/A. If there is one overpayment, the value will be the school code or ED region code reporting the overpayment. If there is more than one overpayment, the value will be Y.	C	8				
		PELL_OVRPMT_IND	A Y/N/S flag indicating the applicant has a Pell overpayment. Where: Y = overpayment exist (takes precedence over S) N = no overpayment S = overpayment with satisfactory repayment arrangements.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		PERK_CHG_FLAG	A flag indicating a change in the Perkins information since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening # = change since last prescreening.	C	1				
		PERK_CURR_YR_DIS	Character representation (000000 to 999999) of the total disbursements during the specified award year for the applicant's Perkins loans. If the applicant has no applicable Perkins loan disbursements, the value 'N/A' will be used.	C	6				
		PERK_DIS_PRIOR_FLG	A Y/N flag indicating the applicant has a Perkins loan with a disbursement prior to 10/01/92 and with a non-zero outstanding principal balance.	C	1				
		PERK_EXP_LEN_FLAG	A Y/N flag indicating Perkins expanded lending option amounts is included in the Perkins Total Disbursements value for the applicant.	C	1				
		PERK_OVRPMT_CON_CD	A value indicating the organization to contact concerning an applicant's overpayment. If there are no overpayments, the value will be N/A. If there is one overpayment, the value will be the school code or ED region code reporting the overpayment. If there is more than one overpayment, the value will be Y.	C	8				
		PERK_OVRPMT_IND	A Y/N/S flag indicating the applicant has a Perkins overpayment. Where: Y—overpayment exist (takes precedence over S) N—no overpayment S—overpayment with satisfactory repayment arrangements	C	1				
		PERK_TOT_DIS	Character representation (000000 to 999999) of the total disbursements for the applicant's Perkins loans. If the applicant has no applicable Perkins loans, the value 'N/A' will be used.	C	6				
		PLUS_BOR_NO	The SSN reported at the origination of the record is a unique identifier of a PLUS borrower.	N	9				
		PLUS_BOR_SEQ_NO	An added attribute that will keep the PLUS borrower number unique in cases where the value for number is the same for two different borrowers.	N	4				
		PTSCRN_CPS_RJCT_CD	A code indicating the reason CPS rejected the request from NSLDS postscreening to submit the applicant for another prescreening.	C	2				
		PTSCRN_REQ_DT	The date NSLDS postscreening generated a request for CPS to submit the applicant for another prescreening.	D	8				
		PTSCRN_REQ_RSN_CD	A code indicating the reason NSLDS postscreening generated a request for CPS to submit the applicant for another prescreening.	C	2				
		RUN_DT	The system date on which the prescreening run began which included the applicant.	D	8				
		RUN_TM	The system time at which the prescreening run began which included the applicant.	T	8				
		SAT_ARRNG_CHG_FLAG	A flag indicating a change in the Satisfactory Arrangements Flag since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening # = change since last prescreening	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		SAT_ARRNG_FLAG	A flag indicating the applicant has a loan with a status indicating satisfactory repayment arrangements have been made.	C	1				
		SEOG_OVRPMT_CON_CD	A value indicating the organization to contact concerning an applicant's overpayment. If there are no overpayments, the value will be N/A. If there is one overpayment, the value will be the school code or ED region code reporting the overpayment. If there is more than one overpayment, the value will be Y.	C	8				
		SEOG_OVRPMT_IND	A Y/N/S flag indicating the applicant has an SEOG overpayment. Where: Y—overpayment exist (takes precedence over S) N—no overpayment S—overpayment with satisfactory repayment arrangements	C	1				
		SEQ_NO	A generated number used to identify and sequence an applicant's prescreening results for a given award year.	N	2	6			
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9				
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4				
PRSCRN_RSLT_LOAN	Prescreening Result—Loan Relevant financial aid information at the loan level examined during the prescreening of an applicant from a specific prescreening run. Since CPS can process a maximum of 12 loan records for an applicant, only occurrences with sequence numbers 01 through 12 are sent to CPS.	ACAD_LVL	A code indicating the academic level of the student when the loan was obtained.	C	1				
		APPL_CPS_AWARD_YR	The award year for which the applicant is being prescreened	C	4	5			
		APPL_CPS_DOB	Date of birth of applicant as provided by CPS.	C	8	4			
		APPL_CURR_SSN	Social Security Number of applicant as provided by CPS.	C	9	1			
		APPL_FST_NM	First name of applicant as provided by CPS.	C	9	2			
		APPL_LST_NM	Last name of applicant as provided by CPS.	C	16	3			
		CHG_FLAG	A flag indicating a relevant change in the loan (status or net amount) since the applicant's most recent previous prescreening for the same award year. Where: N = no change since last prescreening # = change since last prescreening	C	1				
		CNTCT	A value indicating the organization to contact concerning an applicant's loan. The value may be a GA, school OPE ID, ED region, direct loan servicer, school servicer, lender, lender servicer, or 'N/A' if none.	C	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		CNTCT_TYPE	A value indicating the type of organization to contact concerning an applicant's loan. Values are:  GA-GA SCH-school EDR-ED region DLS-direct loan servicer SCS-school servicer LEN-lender LNS-lender servicer N/A - none	C	3				
		CURR_GA_CODE	The current guaranty agency for the loan or "N/A" if none.	C	3				
		CURR_STAT_CODE	The current status code of the loan.	C	2				
		CURR_STAT_DT	The date of the current status code of the loan.	D	8				
		DEF_RCNT_IND	An indication of whether the loan is being reported because it is defaulted or it is one of the most recent loans for the applicant. Values are:  R-recent loan D-defaulted loan (takes precedence)	C	1				
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4				
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9				
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4				
		LOAN_TYPE_CODE	The code indicating the type of loan.	C	2				
		NET_AMT	The net amount of the loan. Calculated as the loan amount or guaranty amount minus the total cancellation amount.	N	4				
		OPE_ID	The OPE ID (school code and school branch code) of the school/branch responsible for originating the loan. 'N/A' is substituted when the OPE ID is one of the special IDs (88888800,88888811, 99999900) for consolidated or refinanced loans or for unknown schools.	C	8				
		OUT_PRIN_BAL_DT_TX	The date of the amount of outstanding principal balance of the loan. 'N/A' is used if the date is not known.	C	8				
		OUT_PRIN_BAL_TEXT	Character representation (000000 to 999999) of the amount of outstanding principal balance of the loan. 'N/A' is used if the amount is not known.	C	6				
		PER_BEG_DT_TEXT	The date the enrollment period begins for the loan. 'N/A' is used if the date is not known.	C	8				
		PER_END_DT_TEXT	The date the enrollment period ends for the loan. 'N/A' is used if the date is not known.	C	8				
		RSLT_SEQ_NO	A generated number used to identify and sequence an applicant's prescreening results for a given award year.	N	2	6			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		SEQ_NO	A designer added attribute indicating the sequence of the loans as reported to CPS. Since CPS can process a maximum of 12 loan records for an applicant, only occurrences with sequence numbers 01 through 12 are sent to CPS.	N	2	7			
PRSCRN_RSLT_PELL	Prescreening Result - Pell Relevant financial aid level examined during the prescreening of an applicant from a specific prescreening run. Since CPS can process a maximum of 3 Pell payment records for an applicant, only occurrences with sequence numbers 01 through 03 are sent to CPS.	AMT_PAID_TO_DT	The amount of the Pell grant the school has disbursed to the student.	N	4				
		APPL_CPS_AWARD_YR	The award year for which the applicant is being prescreened	C	4	5			
		APPL_CPS_DOB	Date of birth of applicant as provided by CPS.	C	8	4			
		APPL_CURR_SSN	Social Security Number of applicant as provided by CPS.	C	9	1			
		APPL_FST_NM	First name of applicant as provided by CPS.	C	9	2			
		APPL_LST_NM	Last name of applicant as provided by CPS.	C	16	3			
		ACCPT_VRFY_STAT	Status code reflecting the school's verification of the applicant data	C	1				
		EXP_FAM_CONTRIB	The amount expressed in whole dollars, that the family of the applicant for Title IV aid is expected to contribute to the cost of attending school.	N	4				
		OPE_ID	The OPE ID (school code and school branch code) of the school/branch responsible for originating the Pell grant. 'N/A' is substituted when the OPE ID is one of the special IDs (88888800, 88888811, 99999900) for consolidated or refinanced loans or for unknown schools.	C	8				
		PCT_ELIG_USED_DECM	The percentage of the Pell grant eligibility the student has used, in decimal format. For example, 50% will be 05000.	N	5				
		PELL_GRT_AWARD_YR	The school year for which a Pell Grant is to be used to fund a student's education.	C	4				
		PELL_GRT_TYPE	Identifies the category in which a Grant falls	C	2				
		REMN_AMT_TO_PAY	The amount of the Pell grant the school still expects to pay the student for the remainder of the award year.	N	4				
		RSLT_SEQ_NO	A generated number used to identify and sequence an applicant's prescreening results for a given award year.	N	4	6			
		SCH_BR_CD	Two-digit ED code for uniquely identifying a branch of a school.	C	2				
		SCH_CD	Two-digit ED code for uniquely identifying a school.	C	6				
		SCHED_AMT	Scheduled amount of the Pell grant.	N	4				
		SEG_LST_UPD_DT_TXT	Date the payment record was processed by the Pell Grant system.	C	8				
		SEQ_NO	A designer added attribute indicating the sequence of the Pell payments as reported to CPS. Since CPS can process a maximum of 3 Pell payment records for an applicant, only occurrences with sequence numbers 01 through 03 are sent to CPS.	N	2	7			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	9	4				
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	4	2				
		TRAN_NO	Transaction number for the Pell grant payment.	C	2				
REG_AGG A	Region Aggregate Summary data for research, policy and audit activities at the ED region level.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	4	2			
		DESC_ID	The unique identifying code for the main aggregate.	N	4	1			
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		ED_REG_CODE	The ED region code upon which the aggregate is calculated. See the description for ED Region Code in the entity loan for a detailed description of this attribute.	C	2	5			
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		RPT_BEG_DT	The beginning date for which an aggregate will be computed.	D	8	3			
		RPT_END_DT	The ending date for which an aggregate will be computed.	D	8	4			
		SYS_CR_DT	The date on which this entity name was added to the system.	D	8				
REINSUR_CL_ PMT A, O	Reinsurance Claim Payment The amount paid by ED to a GA for an insurance claim paid by the GA to a lender.	CUM_REQ_AMT	Cumulative dollar amount, in whole dollars, of a reinsurance claim request from a guaranty agency to ED.	N	6				
		DT	The date on which the government pays a reinsurance claim to a guaranty agency.	D	8				
		FILE_DT	The date for which a guaranty agency files a reinsurance claim with the government.	D	8	7			
		GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	5			
		GA_RESP_BEG_DT	Begin date when the GA was responsible for a particular loan.	D	8	6			
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_GUA_SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	4			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		REIMB_RT_CODE	Reinsurance rate at which the government paid a claim to the guaranty agency on a specific loan.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		REQ_AMT_DIFF	The difference between the Cumulative Amount Requested, in whole dollars, from a GA to ED on a particular Paid Date and the Cumulative Amount Requested from a GA to ED on the previously reported Paid Date.	N	6				
		RSN_CODE	The reason a claim was paid to a GA.	C	2				
		SYS_CR_DT	Date when this Reinsurance Claim Payment was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				
REINSUR_CL_RFD A, O	Reinsurance Claim Refund A refund from a GA to ED for an overpayment made on a reinsurance payment.	AMT_DIFF	The difference between the Cumulative Amount Paid, in whole dollars, from ED to a GA on a particular Date Paid and the Cumulative Amount Paid from ED to a GA on the previously reported Date Paid.	N	6				
		CUM_AMT	Cumulative amount remitted to ED for bankruptcy claim refund(s) on a loan.	N	6				
		DT	The date on which a refund was received by ED from a GA.	D	8	7			
		GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	5			
		GA_RESP_BEG_DT	Begin date when the GA was responsible for a particular loan.	D	8	6			
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_GUA_SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	4			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		SYS_CR_DT	Date when this Reinsurance Claim Refund was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
RPCH_LOAN A, O	<p>Repurchased Loan</p> <p>A record of loans that have been repurchased by lenders after a loan has been in a status of default.</p> <p>TYPES OF REPURCHASES:</p> <ul style="list-style-type: none"> <li>Rehabilitated Loan A guaranty agency can sell a rehabilitated loan (defaulter has made 12 consecutive payments) to any lender. It can be sold for full value or at a discount. However, ED does not receive full value from the agency. A rehabilitated refund by the agency to ED is only 81.5% of principal.</li> <li>Full Refund A lender can pay a guaranty agency a full refund of the outstanding balance. If appropriate, the agency then sends the full refund to ED.</li> </ul>	AMT	In whole dollars, the amount paid to a GA by a lender when a loan is repurchased.	N	6				
4-80	Sometimes the guaranty agency must								<i>Semiannual Delivery</i>

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		DT	The date on which a previously defaulted loan is repurchased by a lender.	D	8	4			
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		REHAB_IND	Yes/No Flag to indicate that a loan had been rehabilitated when it was repurchased. It is used to distinguish between Part D (Full Refund of Reinsurance Claims) and Part H (Rehabilitated Loans) on the 1189.	C	1				
		SYS_CR_DT	Date when this Repurchased Loan was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8				
SCH A, O	School The educational institution which a student attends and through which the student may request and receive Title IV program financial assistance.	ACT_FLAG	A flag indicating that an institution is eligible and certified to participate in Title IV programs. Valid values for this field are: 'Y'-school or branch is eligible and certified; 'N'-school or branch is either eligible, but not certified or not eligible and not certified; and blank-school or branch not in certification file.	C	1				
		BLK_AND_TRBL_IND	Indicator of whether an institution has been classified as an "historically black college" (H) or "tribally controlled" (T) school. If either of these classifications has been assigned, default rates will not be calculated. Note: this classification will lose default rate processing protection under the law beginning in Fiscal Year 1994.	C	1				
		CNTL	Control or ownership of school.	N	1				
		CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
		DEG_GRT_IND	An indicator showing whether the school grants degrees or not. Values are 'N'-does not grant degrees and <space>-the school does grant degrees. Values are received from PEPS.	C	1				
		NM	The name identifying an educational institution at the school level.	C	65				
		SYS_CR_DT	The NSLDS inception date for a school.	D	8				
		TYPE	Length of longest academic program in terms of academic hours or years.	N	1				
		TYPE_AND_CNTL	This attribute is a combination of the School's Type and Control fields.	C	1				
SCH_BR A, O	School Branch An educational institution representing a school or subdivisions of a school.	CITY	The city in which the branch of an educational institution resides.	C	20				
		CNTRY	The country in which the branch of an educational institution resides. This will be blank for domestic schools.	C	20				
		CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		NM	The name identifying an educational institution at the school branch level.	C	65				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
		SCH_NM	The name identifying an educational institution at the school level.	C	65				
		ST	A two-digit alphabetic code identifying the state in which the branch of an educational institution resides.	C	2				
		STR_ADD	The street address of an educational institution branch.	C	50				
		ZIP_CODE	The postal zip code for the branch of an educational institution.	C	9				
SCH_BR_AGG A	School Branch Aggregate Summary data for research and policy development activities for each educational institution eligible for processing Title IV program aid.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	4	6			
		DESC_ID	The unique identifying code for the main aggregate.	N	4	5			
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		RPT_BEG_DT	The beginning date for which an aggregate will be computed.	D	8	3			
		RPT_END_DT	The ending date for which an aggregate will be computed.	D	8	4			
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
		SYS_CR_DT	The date on which this entity was added to the system.	D	8				
SCH_BR_CODE_XREF A	School Branch Code Cross Reference This is a cross-reference of other codes to the OPE ID that represents a school and its branch. Certain data providers will report this code and NSLDS will cross walk to the appropriate School Branch OPE ID and update loan or grant information about that school. It is designed to support data created prior to the establishment of valid OPE IDs.	CODE	An NSLDS generated code identifying the specific organization that has serviced a loan.	C	6	1			
		MNG_PROG_TYPE	Represents the program that manages this alternate code for an OPE ID. These alternate codes are unique only within the program. Values are: 'P'—Pell, 'C'—campus base, and 'G'—GSL ID.	C	1	2			
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	4			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	2	3			
SCH_BR_HOL_SVR A, O	School Branch Holder Servicer Record of the SCHOOL BRANCH SERVICER's who have serviced a particular campus based loan.	ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		RESP_BEG_DT	Begin date when a school servicer was responsible for servicing a particular loan for a particular school.	D	8	5			
		RESP_END_DT	End date when a school servicer was responsible for servicing a particular loan for a particular school. When an occurrence of this entity is initially created, the value in this attribute will be set to high values (12/31/9999) indicating the current occurrence.	D	8				
		SVR_CODE	An NSLDS generated code identifying the specific organization that has serviced a loan.	C	6	4			
SCH_BR_STAT_HIS A	School Branch Status History A status of a particular school branch in regards to Title IV participation for a specific period of time.	DT	The date the status of the associated school branch changed.	D	8	3			
		RSN_CODE	This attribute is populated from the PEPS system. The OPE IDs data dictionary describes this 'reason code' as 'reason for submitting eligibility request'. In NSLDS the primary need for this data is for default calculation in finding if a school is closed and why.	C	2				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
SCH_BR_SVR A, O	School Branch Servicer An organization or business that provides loan customer service support for campus based loans.	CITY	The city in which the school branch servicer resides.	C	20				
		CNTRY	The country in which the school branch servicer resides. This will be blank for domestic school branch servicers.	C	20				
		CODE	An NSLDS generated code identifying the specific organization that has serviced a loan.	C	6	1			
		NM	The name identifying a school branch servicer.	C	65				
		ST	The two digit alphabetic code identifying the state in which the school branch servicer resides.	C	2				
		STR_ADD	The street address of a school branch servicer.	C	50				
		SYS_CR_DT	The date a servicer of a loan for a school branch was added to NSLDS.	D	8				
		ZIP_CODE	The postal zip code for the school branch servicer.	C	9				
SCH_BR_SVR_AGG A	School Branch Servicer Aggregate Summary data for Research, Policy and Audit activities.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	4	5			
		DESC_ID	The unique identifying code for the main aggregate.	N	4	1			
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor. Note that this attribute is optional.	N	9				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		RPT_BEG_DT	The beginning date for which an aggregate will be computed.	D	8	3			
		RPT_END_DT	The ending date for which an aggregate will be computed.	D	8	2			
		SVR_CODE	An NSLDS generated code identifying the specific organization that has serviced a loan.	C	6	4			
		SYS_CR_DT	The date on which this entity was added to the system.	D	8				
SCH_BR_TRAN_HIS A, O	School Branch Transition History  The tracking of transfers, merges, and splits of schools and/or branches.	NEW_SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		NEW_SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
		OLD_SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	4			
		OLD_SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	3			
		SYS_CR_DT	An added date to indicate when an occurrence of this entity was added to the system. A companion attribute, SYSTEM_END_DATE, will have high values (12/31/9999) to indicate the most current data.	D	8	5			
SCH_ORIGN_HIS A, O	School Origination History  Record of each loan origination type used by a particular school that is participating in the FDSLSP.	CURR_IND	Indicates which occurrences of the school origination history is current. Permitted values: 'Y'—current and 'N'—or <space>—not current.	C	1				
		FDSLSP_SVR_BR_CODE	Two-digit ED code for uniquely identifying a branch of a FDLSP servicer.	C	2		2		
		FDSLSP_SVR_CODE	A code identifying the specific organization that has serviced a loan.	C	3		1		
		ORIGN_EFF_DT	The date (month, day, year) that a school began using this type of loan origination.	D	8	2			
		ORIGN_TYPE	Indicator of the type of loan origination used by a school for FDLSP loans. Values are 'S'—school and 'A'—alternative.	C	1				
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
SCH_SBMTL_HIS A	School Submittal History	ACT_SBMTL_DT	The actual date the submittal file was received.	D	8				
		ALL_ERR_RESLV_DT	The date all errors were resolved.	D	8				
		CODE	The 8-character school code that is on the header of the submittal file. Includes branch code.	N	8	2			
		CUM_ERR_CNT	The cumulative number of errors.	N	9				
		CUM_RUN_TOT	The cumulative total records processed.	N	9				
		DAY_LT	This field is the number of days a provider is late for a specific submittal run. It is used to help track providers who exceed ED specified thresholds for delinquency.	N	4				
		ERR_RT	This field is the error rate for a specific submittal run. It is used to help track providers who exceed ED specified thresholds for error percentage.	N	5				
		FREQ_IND	This attribute represents the weekly interval between submittals from the data providers; i.e., a '1' means one week (7 days), a '2' means two weeks (14 days), etc.	N	2				
		INIT_IND	Indicates if this scheduled submittal is the initial submission for this provider. Values are 'Y' or blank.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		JOB_COMPL_DT	This attribute signifies the date that this submittal has completed processing by NSLDS.	D	8				
		JOB_COMPL_TM	This attribute signifies the time that this submittal has completed processing by NSLDS.	T	8				
		LVL_ONE_ERR_TOT	The number of records with errors that occurred in Level One processing.	N	9				
		LVL_THREE_ERR_TOT	The number of records with errors that occurred in Level Three processing.	N	9				
		LVL_TWO_ERR_TOT	The number of records with errors that have occurred in Level Two Delta processing.	N	9				
		NOTIF_HIS_ID	An added attribute to track pro forma letter distribution.	N	9				
		RECD_DT	Date this submittal was received by NSLDS.	D	8				
		SCHED_SBMTL_DT	The scheduled submittal date for this submittal.	D	8	1			
		STAT	The status of this submittal run.	C	1				
		TOT_RCD_PROC	The total records processed in Level One Verification. This number is used to determine the error rate for the submittal.	N	9				
SCH_SBMTL_RUN_ERR A	School Submittal Run Errors	DOB	The Student's Date of Birth.	D	8	3			
		ERR_CODE	The error code.	N	4	9			
		ERR_SRC_IND	Represents the type of error found (Level One or Level Three), and if Level One indicates whether found at NSLDS Data Center or this data provider's site.	C	1				
		FLD_IN_ERR_CODE	The code of the field in error.	N	3	8			
		RCD_TYPE_IND	Indicator of the type of record in which the error was found (i.e., Database Extract, Past Period Change, etc.)	C	1	7			
		RESLT_DT	The date this error was closed.	D	8				
		SBMTL_HIS_CODE	The eight-character school code that is on the header of the submittal file. Includes branch code.	N	8	1	1		
		SBMTL_HIS_SBMTL_DT	The scheduled submittal date for this submittal.	D	8	10	2		
		SCH_DT	The date the extract was generated.	D	8	6			
		STAT	The status of the error.	C	1				
		STU_FST	The Student's First Name.	C	12	4			
		STU_SSN	The student's social security number reported on the extract.	C	9	2			
		TYPE	The type of loan.	C	4	5			
SPA_PMT A, O	SPA Payment Amount of Supplemental Preclaims Assistance payment made to the GA by ED on an FFEL Program loan.	AMT_DIFF	The difference between the Cumulative Amount, in whole dollars, made to the guaranty agency by ED on a particular SPA Payment Date minus the Cumulative Amount made to the guaranty agency by ED on the previously reported SPA Payment Date.	N	6				
		CUM_AMT	Cumulative Amount of Supplemental Preclaims Assistance Payment.	N	6				
		DT	Month and year in which the guaranty agency received a supplemental preclaims assistance payment from ED.	D	8	7			
		GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	5			
		GA_RESP_BEG_DT	Begin date when the GA was responsible for a particular loan.	D	8	6			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		ID_STU_SEQ_NO	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	4	2			
		LOAN_GUA_SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	4			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
SSCR_CYCLE A	SSCR Cycle  This entity tracks the cycles for which the SSCR needs to be sent for the associated school branch. It also records the date on which the SSCR was generated.	CYCLE_NO	The month numbers selected by the school for participation in SSCR. SSCR is generated 6 times or cycles a year. Two cycles are mandatory; four are optional.	N	2	3			
		DT_LST_GEN	The date on which the SSCR was generated for this cycle.	D	8				
		RQRD_IND	Indicates whether SSCR Needs to be sent for the cycle. Values are 'Y' for yes, to be generated and 'N' or blank for not to be generated.	C	1				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
SSCR_DELINQ_LTR	SSCR Delinquent Letter If schools or service providers do not return their Student Status Confirmation Report, they will receive a delinquency letter from ED which requests that they process and return the report. The school or service provider will receive warning letters, increasing in severity, depending on how long the response is overdue  <u>CODE</u> <u>LETTER</u>  1    Overdue 7 days 2    Overdue 14 days 3    Overdue 21 days  This parm is variable and set in report parm table. Beyond the 3rd letter, no more letters are sent to the school or service provider.	SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	2			
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	3			
		SSCR_TRSMITL_TSTAMP	The timestamp when NSLDS generates and sends the SSCR to the school. The Federal Register defines this element s the date the report is run and considered to be issued to the school. If the SSCR is performed online, then this is also the time of the online update.	Q	26	4			
		CODE	The Code indicates the number of the letters. Code is set to 1 when 7 days overdue letter is sent. Code is set to 2 when 14 days overdue letter is sent. Code is set to 3 when 21 days overdue letter is sent.	C	1	1			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		DT	This date corresponds to the code, indicating when that type of over due letter was sent to the school.	D	8				
SSCR_RTN_HIS A	SSCR Roster Return History  This entity type records information about when a school returns a SSCR submittal file to NSLDS as well as how many records are returned, how many were found to be in error, and when the errors are transmitted to the school for correction. The SSCR file returned may be the original SSCR file sent to the school or may be an error correction file. This entity type is not created when the SSCR is performed online.	ERR_RCD_TOT	Total number of records returned to NSLDS on a school's submittal file that were found to contain errors.	N	7				
		ERR_TRSMTL_DT	Date NSLDS sends a school's file containing records for a SSCR transmittal which the school had previously returned with an error.	D	8				
		RCD_ADD_TOT	Total number of additional records added by a school to the submittal file they received from NSLDS.	N	7				
		RCD_RTN_TOT	The total number of records on a school's SSCR submittal file sent to NSLDS.	N	7				
		REQ_TYPE	The SSCR return file may represent the return from a school in response to the normally scheduled SSCR (request type R) or the file may represent the school returning corrections on errors (request type E).	C	1				
		RTN_DT	Date school returned SSCR transmittal records.	D	8	4			
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
		SSCR_TRSMTL_TSTAMP	The timestamp when NSLDS generates and sends the SSCR to the school. The Federal Register defines this element as the date the report is run and considered to be issued to the school. If the SSCR is performed online, then this is also the time of the online update.	Q	26	3			
		VAL_RCD_TOT	Number of valid records on a school's submittal file passing the SSCR verification/validation at NSLDS.	N	7				
SSCR_TRSMTL_DET A	SSCR Transmittal Detail  This designer added entity stores information about the specific student records which are sent to a school branch on a given SSCR. There may be multiple SSCRs outstanding for a school branch at a given point in time if a school branch has been delinquent in returning the SSCR. The school is obligated to return each SSCR because a student may appear on one SSCR but not appear on another one. A record is deleted when the SSCR is returned without any errors and transmitted to the GA.	COMPLD_ONLN_USER	User ID completing an online SSCR. An online SSCR is used in emergency situations when a change in status must be recorded and the school cannot wait to receive the next scheduled batch SSCR from NSLDS.	C	8				
		DATA_PROV_FRWD_DT	The date (year, month, day) identifier changes for a student were forwarded from NSLDS to a Data Provider.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		RTN_DT	Date school returns the SSCR file to NSLDS. If the school returns several SSCR files for a given transmission due to errors, etc., this date is the last date a file was received from the school. For an online SSCR, the return date is the date of the online transaction. It will be the same date as found in the job timestamp.	D	8				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			
		SSCR_SEQ_NO	Number appended to each student record during creation of the SSCR file for a school branch in the normal SSCR verification cycle. The sequence number is used when the file is returned to verify the control information within the file and is unique for a given SSCR run for a given school branch.	N	7	4			
		SSCR_STAT_FLAG	Field used during the SSCR cycle for any student record appearing on the roster. Valid values for statuses are: 'S'—the record has been sent to the school; 'E'—error indicating the student record has failed a verification test and is returned to the school for correction; 'R'—roster returned from school and passes all verification tests; 'O'—SSCR returned online and passes all verification tests; and 'C'—the transmittal detail was canceled.	C	1				
		SSCR_STAT_NO	System generated number creating cardinality within the status index. This is populated on the creation of a detail.	N	6				
		SSCR_TRSMTL_TSTAMP	The timestamp when NSLDS generates and sends the SSCR to the school. The Federal Register defines this element as the date the report is run and considered to be issued to the school. If the SSCR is performed online, then this is also the time of the online update.	Q	26	3			
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9		1		
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4		2		
SSCR_TRSMTL_HIS	SSCR Transmittal History	JOB_TSTAMP	The timestamp when NSLDS generates and sends the SSCR to the school. The Federal Register defines this element as the date the report is run and considered as issued to the school. If the SSCR is performed online, then this is also the time of the online update.	Q	20	3			
A	This entity type provides information regarding the transmission of student status confirmation reports (SSCR). If the SSCR is performed online, information is recorded about who performed the online update and when.	RCD_SENT_TOT	The total number of student records to be verified for this SSCR transmittal. For an online transmittal, this is the total number of records verified during the online session.	N	7				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	2			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	1			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		TYPE	This field show the form of activity. Values are: 'R'—roster, 'H'—history, and 'O'—online. 'R' and 'O' are changed to 'H' when a new roster is generated or an online change is forwarded to the Data Provider.	C	1				
ST_AGG A	State Aggregate Summary data for Research, Policy and Audit activities at the state level.	DESC_DET_ID	The unique identifying code for the aggregate detail.	N	4	3			
		DESC_ID	The unique identifying code for the main aggregate.	N	4	2			
		DOL_VOL	A calculated total dollar amount based on an associated Aggregate Descriptor. Note that this attribute is optional	N	9				
		LOAN_VOL	A calculated total number of loans based on the associated Aggregate Descriptor. Note that this attribute is optional.	N	9				
		RPT_BEG_DT	The beginning date for which an aggregate will be computed.	D	8	4			
		RPT_END_DT	The ending date for which an aggregate will be computed.	D	8	5			
		ST	Represents a valid U.S. state code.	C	2	1			
		SYS_CR_DT	The date on which this entity was added to the system.	D	8				
STU A, O	Student A person attending an institution of higher education, and who has received or been the beneficiary of Title IV aid.	CITZ	Indicator of whether a student is or is not a U.S. citizen.	C	1				
		CURR_FST	An attribute recording the current first name of a Title IV aid recipient.	C	12				
		CURR_LST	An attribute indicating the current last name of a Title IV aid recipient.	C	35				
		CURR_PSEUDO_IND	An attribute indicating the current single-element indicator showing whether the student's current Social Security Number is real or a pseudo.	C	1				
		CURR_SSN	An attribute indicating current social security number for a Title IV aid recipient. This can be updated with corrections.	C	9				
		DEM_REQ_YR	Year when a student has demographic information requested from CPS.	N	4				
		DOB	Date on which a Title IV aid recipient was born.	D	8				
		DRIV_LIC_NO	The number a student is issued by the state when receiving a license to drive.	C	30				
		DRIV_LIC_ST	The state which issues a student's driver's license.	C	2				
		LST_LOAN_SEQ_NO	An added attribute that will keep the last Sequence Number used to identify a new loan for the student.	N	4				
		MID_INIT	Middle initial of a Title IV aid recipient.	C	1				
		NO	The unique NSLDS generated identifier of a student.	N	9	1			
		SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		ST	Represents a valid U.S. state code. Part of the permanent address for a student receiving an FFEL loan.	C	2				
		STAT	An indication of whether a student is only active in NSLDS, only archived, or both.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
STU_ADD A	Student Address  The addresses held by a student over the course of their aid history of the student. It will contain the permanent address for the student (P) and possible alternative addresses (A). The entity can track which addresses are current and from what source the address was supplied or confirmed.	CITY	The name of the city of residence.	C	24				
		CNTRY	The name of the country. This is applicable only when the STATE code has a value of 'FC' to designate a foreign country for the address.	C	25				
		CURR-FLAG	The indicator that designates if the address is the active (Y) address for the student. Permitted values: 'Y'-yes or 'N'-no.	C	1				
		EFF_DT	This is the effective date (month, day, year) of the address as provided by the data provider to NSLDS. This date represents the date on which the data provider first became aware of the address.	D	8				
		NO	The unique NSLDS generated identifier of address for student.	N	4	3			
		RECFM_DT	The date the data provider reconfirms the address for the student.	D	8				
		SRC_CAT	This is the source category for the student's address information. Valid sources are: Student Status Confirmation Roster and Central Processing System	C	8				
		SRC_CODE	This is the identifier code for the Data Provider. Valid codes are Guaranty Agencies, the GA code verified against GA table; Schools, the school OPE ID verified against school table; and Central Processing System, CPS.	C	8				
		ST	The state code where the address CITY is located. Permitted values Permitted values are U.S. standard postal codes. If foreign, the value is 'FC.'	C	2				
		STR_ADD_LINE_1	This is line one of the address.	C	35				
		STR_ADD_LINE_2	This is line two of the address.	C	35				
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		TYPE	The indicator for categorizing the address. 'P' represents the permanent address for the student and 'A' represents an alternative address for the student.	N	1				
		ZIP_CODE	The U.S. postal zip code of zip+four or foreign country postal identification code which usually is longer.	C	14				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
STU_BR A, O	Student Branch A record when NSLDS is notified that a student is attending a school/branch.	ANTIC_COMPL_DT	The date a student is scheduled to complete course requirements.	D	8				
		EFF_DT	Effective Date (month, day, year) of a student's current enrollment status as reported from a data provider.	D	8				
		ENRL_CODE	ED code reflecting student's current enrollment status, as reported through the Student Status Confirmation Report or by the schools for Campus-Based aid recipients.	C	1				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	4			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	3			
		STU_ADD_NO	The identifier for a student address. It is to identify the appropriate address to be sent back to the school on the SSCR roster.	N	4				
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		SYS_CR_DT	The system date when this Student Branch record was created.	D	8				
		VAL_IND	Value of 'N' indicates an entity occurrence is no longer correct. This indicates that a new entity occurrence has been added which contains the correction (the incorrect information cannot be deleted because of the need for historical data in the default rate calculation area).	C	1				
STU_DEM A, O	Student Demographics A statistically valid sample of students about which information will be tracked. The information will be used to profile student loan recipients and to better understand the factors leading to, and characteristics associated with, default.	ALIEN_REGIS_NO	Alien Registration Number of the applicant if applicable.	C	9				
		APPL_COMPL_DT	This is the date the applicant completed the application.	D	8				
		BACHLR_DEG_IND	Indicator showing if the applicant expects to receive their first bachelor's degree before a certain date. The date changes each cycle. Values are 'Y'-yes, 'N'-no, and blank-no response.	C	1				
		CALNDR_YR	Calendar year for which the demographic date for a student is provided.	N	4	3			
		CITY	The city information of the student who applied for aid. This is the city CPS receives from the FAFSA and is where CPA mails the SAR.	C	20				
		CITZ	Indicates whether the applicant is U.S. citizen or not. Values are 'Y'-yes, 'N'-no, P-eligible non-citizen, and blank-not known.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		COLLG_LVL_CODE	Indicator showing the number of years of college for the applicant. The values are '1'—first year or never attended, '2'—first year or attended college before, '3'—second year or sophomore, '4'—third year or junior, '5'—fourth year or senior, '6'—fifth year or other undergraduate, '7'—fifth year graduate or professional, '8'—second year graduate or professional, '9'—third year graduate or professional, '10'—beyond third year graduate or professional, and blank.	C	2				
		CRS_OF_STUDY_CODE	Code representing the course of study.	C	2				
		DEG_CODE	Code representing the degree or certificate of the applicant. Values are '1'—certificate or diploma for completing an occupational, technical, or educational program (less than 2-year program); '2'—certificate or diploma for completing an occupational, technical or educational program (at least 2-year program); '3'—associate degree; '4'—first bachelor's degree; '5'—second bachelor's degree; '6'—technical credential program; '7'—graduate or professional degree; '8'—other or undecided; and blank.	C	1				
		DEP_IND	Indicates whether or not a student is financially dependent on parents/legal guardian. Values are 'D'—Dependent and 'I'—Independent.	C	1				
		DEP_OVRRD_CODE	This indicator shows that a school's Financial Aid Administrator has determined the applicant is independent and set an override value. Values are blank—no override, '1'—override to independent, and '2'—revoked override.	C	1				
		DEP_PAID_CARE_CNT	Number of dependents for which the applicant will pay the child or elder care expenses. The field may be blank	N	2				
		EXP_FAM_CONTRIB	An index indicating the degree to which the family of an applicant for Title IV aid is expected to contribute to the cost of attending school. Generated through application processing.	N	5				
		EXP_GRAD_DT	Expected completion date of the degree or certificate.	D	8				
		FAM_INCM	Adjusted gross family income calculated during need analysis as a basis for determining an applicant's expected family contribution.	N	6				
		FATH_GRD_LVL_CODE	Indicates the highest grade level completed by the student's father. The values are '1'—elementary, '2'—high school, '3'—college or beyond, and '4'—unknown.	C	1				
		GED_YR_MO	The year and month the applicant earned a GED.	N	6				
		GENDER	Gender of the student. Values are 'M'—male and 'F'—female.	C	1				
		GRAD_PROF_STU_IND	Indicator reflecting if the applicant is a graduate or professional student. Values are 'Y'—yes; 'N'—no; or blank—unknown.	C	1				
		HS_DIPLOMA_GED_IND	Indicates whether student received a high school diploma or GED. Values are '1'—Yes; '2'—No; and 'Blank'—No response.	C	1				
		HS_GRAD_YR_MO	The year and month that the applicant graduated from high school. The format is CCYYMM.	N	6				
		LEGL_DEP_IND	Indicator that shows if the applicant has legal dependent other than a spouse. Values are 'Y'—yes; 'N'—no; and blank—unknown.	C	1				
		MAR_STAT_CODE	Marital status of the applicant. Values are 'N'—not married; 'M'—married; and 'S'—separated.	C	1				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		MAR_STAT_IND	Indicates whether applicant is married. Values are 'Y'-yes and 'N' or blank-no.	C	1				
		MOTH_GRD_LVL_CODE	Indicates the highest grade-level completed by the student's mother. The values are '1'-elementary, '2'-high school, '3'-college or beyond, and '4'-unknown.	C	1				
		OLDEST_PAR_AGE	The age of the applicant's oldest parent.	N	3				
		OVER_24_IND	Indicator to reflect if the applicant is older than 24 years. Values are 'Y'-yes, 'N'-no, and blank-unknown.	C	1				
		PAR_MAR_STAT_CODE	Indicates the applicant's parent's marital status. Values are '1'-single, '2'-married, '3'-separated, '4'-divorced, '5'-widowed, and blank-unknown.	C	1				
		SAME_COLLG_IND	Indicator showing if the applicant plans to attend the same college. Values are 'Y'-yes, 'N'-no, and blank-unknown.	C	1				
		SSN_IND	Indicates the match between CPS data and Social Security data. Values are '1'-No match on SSN; '2'-No match on DOB; '3'-No match on name; '4'-Full match, name, SSN, and DOB; '8'-Not sent for the match.	C	1				
		SSN_CIT_IND	Indicates citizenship status. Values are 'A'-U.S. Citizen; 'B'-Legal alien, eligible to work; 'C'-Legal alien, not eligible to work; 'S'-Other; 'E'-Alien, student restricted, work authorized; 'F'-Conditional legalized alien; 'N'-Unable to verify citizenship due to no match on name or DOB; '*'-foreign; blank-Domestic born.	C	1				
		STATE	The state information of the student who applied for aid. This is the state CPS receives from the FAFSA and is where CPA mails the SAR.	C	2				
		STREET_ADDRESS	The address information of the student who applied for aid. This is the address CPS receives from the FAFSA and is where CPA mails the SAR.	C	50				
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		VA_EDUC_BEN_AMT	Expected monthly amount an applicant receives from veteran education benefits.	N	3				
		VA_EDUC_BEN_MO_CNT	Expected number of months the applicant will receive from veterans education benefits.	N	2				
		VA_IND	Indicator showing if the applicant is a veteran of the U.S. Armed Forces. Values are 'Y'-yes, 'N'-no, and blank-unknown.	C	1				
		WARD_ORPHAN_IND	Indicates if the applicant is a ward of the court or both parents are dead. Values are 'Y'-yes, 'N'-no, or blank-unknown.	C	1				
		ZIP_CODE	The zip code information of the student who applied for aid. This is the zip code CPS receives from the FAFSA and is where CPA mails the SAR.	C	9				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
STU_NM A, O	Student Name A record of a student's name as it changes due to name changes or to errors. The same first and last name combination will only be stored once regardless of the number of times that combination appears as a changed name.	CURR_NM_IND	Indicates which of the names for a student is the active or current name for that student. Values are 'Y' or blank.	C	1				
		FST	The first name of a Title IV aid recipient.	C	12	3	2		
		LST	Last name of a Title IV aid recipient.	C	35	4	1		
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		SYS_CR_DT	The system date when the name was created in NSLDS.	D	8				
STU_SSN A, O	Student Social Security Number A record of a student's social security number as it changes over time due to errors.	CURR_SSN_IND	Indicates which one of the SSNs for a student is the active or current SSN for that student. Values are 'Y' or blank.	C	1				
		NO	Social security number reported for a Title IV aid recipient.	C	9	3	1		
		PSEUDO_SSN_IND	A single-element indicator showing whether the Student's Social Security Number is real or a pseudo.	C	1				
		SRC	The code for the data provider which reported the SSN.	C	8				
		STU_DOB	Date on which a Title IV aid recipient was born.	D	8				
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		SYS_CR_DT	The system date when the social security number was added to NSLDS.	D	8				

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
STU_STAT A, O	Student Status Student status is a historical record of a student's status at a given school. The status indicates whether the student is full-time, half-time, less than half-time, withdrawn from the school, deceased, on approved leave of absence, graduated, never attended the school, or no record found for the student at that school. The student status is obtained via the Student Status Confirmation Report (SSCR) for students who are FFEL recipients. For non-FFEL recipients, the student status is obtained from the schools via their normal data transmissions to NSLDS (this case is for Perkins and ICL loans).	CERT_DT	The date the school completes the SSCR for a student. This attribute does not apply to student status reported for students who have Perkins or ICL loans.	D	8				
		EFF_DT	Effective date (year, month, day) of a student's current enrollment status as reported from a data provider.	D	8	5			
		ENRL_CODE	ED code reflecting student's current enrollment status, as reported through the Student Status Confirmation Report (SSCR) or by the schools for Campus-Based aid recipients.	C	1				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	4			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	3			
		SRC	The code for the GA or school which reported the SSN (eight digits for school and three for GAs).	C	8				
		SSCR_JOB_TSTAMP	The timestamp when NSLDS generates the SSCR and sends it to the school. The Federal Register defines this element as the date the report is run and considered as issued to the school.	Q	26				
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
SYS_CR_TSTAMP	The timestamp when a Student's Enrollment Status is added to NSLDS.	Q	26	5					

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
STU_STAT_UNRESLV A	Student Status Unresolved  A designer added entity type to track Enrollment information at the source level. The Data Providers (GAs, Schools and FDLP Servicers) are legitimate sources of enrollment data. This entity captures this information at Source level (GA or School or FDLP Servicer). These inputs must be evaluated for consistency and reliability before applying. This entity acts as a hold area for capturing enrollment history at a source level for a given student and school branch. By applying a set of processing rules the enrollment information is promoted to the Student Branch level.	CNSTNCY_IND	When set to 'N', this field indicates that the occurrence should not be used for any Enrollment Status Promotion Logic. When set to blank, the occurrence is considered consistent and is eligible for use as Enrollment Status Promotion Logic.	C	1				
		EFF_DT	Effective Date (year, month, day) of a student's current enrollment status as reported by a data provider. This must be consistent with a data provider's portfolio. If more than one loan reports a different enrollment code for the same effective date, then it is not consistent and the values will not be used.	D	8	5			
		ENRL_CODE	ED code reflecting student's current enrollment status, as reported by a data provider. This code must be consistent within a data provider's portfolio. If more than one loan reports a different enrollment code for the same effective date, then it is not consistent and the values will not be used.	C	1				
		PRMTN_IND	When set to 'P', this field indicates that this record has been promoted to 'Student Status' entity, after applying promotion rules across various data provider's Unresolved Student Status for a Student Branch.	C	1				
		SCH_BR_CODE	Two-digit ED code for uniquely identifying a branch of a school.	C	2	4			
		SCH_CODE	Six-digit ED code for uniquely identifying a school.	C	6	3			
		SRC	This attribute identifies exactly which of multiple sources is being used whether GAs, schools (for Perkins), FDLP Servicers are the sources reporting the enrollment status. The data provider code is listed here as the source.	C	8	6			
		STU_NO	Student number (SSN) reported at loan origination. It is changed only if a new Date of Birth or First Name are reported with correction. This means that the loan did not belong to a student as originally reported.	N	9	1			
		STU_SEQ_NO	An attribute that keeps the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	2			
		SYS_CR_DT	The system date when this Unresolved Student Status record was created.	D	8				
SUPP_REINSUR_PMT A, O	Supplemental Reinsurance Payment  The amount paid by ED to a GA for a supplemental reinsurance payment.	CUM_REQ_AMT	Cumulative dollar amount, in whole dollars, of a supplemental reinsurance claim request from a guaranty agency to ED.	N	6				
		GA_CODE	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	C	3	5			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
		GA_RESP_BEG_DT	Begin date when the GA was responsible for a particular loan.	D	8	6			
		ID_STU_SEQ_ID	An added attribute that will be set equal to the Sequence number attribute of the originating Student when the loan is created. This keeps the student number unique if a student number happens to be identical to another student number.	N	2	2			
		LOAN_GUA_SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	4			
		LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	9	1			
		LOAN_SEQ_NO	An added attribute that will keep the Student Number unique in cases where the value for Student Number is the same for two different students. Note: It is possible for two different students to have the same SSN.	N	4	3			
		OTH_FEES_END_BAL	The amount owed by the borrower for charges other than principal and interest (e.g., late charges, Attorney fees, collection charges, etc.)	N	6				
		REQ_AMT_DIFF	The difference between the Cumulative Amount Requested, in whole dollars, from a GA to ED on a particular Payment Requested Date and the Cumulative Amount Requested from a GA to ED on the previously reported Payment Requested Date.	N	6				
		REQ_DT	The date for which a guaranty agency files a supplemental claim with the government.	D	8				
		RSN_CODE	The reason a claim was paid to a GA.	C	2				
		SEQ_NO	An added sequence number to help keep an occurrence of this entity unique.	N	2	7			
		SYS_CR_DT	Date when this supplemental claim was added to NSLDS. This is needed since amounts may be transmitted to NSLDS at a date later than the actual event. Aggregate calculations will use this date to determine the month to which the amount applies.	D	8	8			
TRAN_DET	Transaction Detail This entity type keeps tracks of all the transactions accessed by NSLDS users when they are using software systems. Informs about transactions navigated by users within a online software system like Borrower Tracking, Financial Aid Transcript or SSCR.	ACC_CNT	Number of times, transaction has been accessed by user for a single student/borrower research.	N	4				
		CODE	Transaction code of a program accessed by a user.	C	4	1			
TRAN_LOG	Transaction Log Transaction log keeps a log of Nsllds_user's online transactions. Users access online software systems like Borrower Tracking, Financial Aid Transcript, Student Status Confirmation Report etc., which provides them confidential information of Students in NSLDS database. This entity type provides capability of storing information about such users and the pattern of their search.	CODE	The transaction code of an online program.	C	4	1			
		SYS_CR_TSTMP	The date and time at which the entity was created.	T	20	2			

Entity/Attribute Table									
Table Name/Database	Table Description	Attribute/Column Name	Attribute/Column Description	Typ	Len	Idx Prim	Idx Sec	Idx Tert	Idx Quar
VAL_TRSL_TAB A, O	Validation Translation Table This is a generic table used as a repository for NSLDS codes. It is designed with a generic 'Key' so that any validation may be accommodated. An optional generic 'result' attribute is also available if translation is needed.	LKUP_ID	Identifying information needed to obtain a resulting value, for example, the key.	C	10	2			
		LKUP_RSLT	Information received as a result of passing an identifying value.	C	60	3			
		LKUP_TYPE_NM	This indicates the type of validation to be done. Some examples are: Academic Level Codes; Claim Reason Codes; Loan Status Codes, State Codes.	C	30	1			

## 4.6 Table Relationships and Keys

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
AGG_DESC	ID	AGG_DESC_DET	ID	1	smallint	4		
		AGG_DESC_ITEM	DESC_ID	3	smallint	4		
		AGG_DESCN	DESC_ID	3	smallint	4		
		AGG_PURP	DESC_ID	3	smallint	4		
		GA_AGG	GA_CODE	5	char	3		
		LEN_BR_AGG	DESC_ID	8	smallint	4		
		LEN_BR_SVR_AGG	DESC_ID	7	smallint	4		
		NATL_AGG	DESC_ID	6	smallint	4		
		REG_AGG	DESC_ID	7	smallint	4		
		SCH_BR_AGG	DESC_ID	6	smallint	4		
		SCH_BR_SVR_AGG	DESC_ID	7	smallint	4		
		ST_AGG	DESC_ID	6	smallint	4		
AGG_DESC_DET	DESC_ID	AGG_DESC	ID	1	smallint	4		
		AGG_DESC_ITEM	DESC_ID	3	smallint	4		
		AGG_DESCN	DESC_ID	3	smallint	4		
		AGG_PURP	DESC_ID	3	smallint	4		
		GA_AGG	DESC_ID	7	smallint	4		
		LEN_BR_AGG	DESC_ID	8	smallint	4		
		LEN_BR_SVR_AGG	DESC_ID	7	smallint	4		
		NATL_AGG	DESC_ID	6	smallint	4		
		REG_AGG	DESC_ID	7	smallint	4		
		SCH_BR_AGG	DESC_ID	6	smallint	4		
		SCH_BR_SVR_AGG	DESC_ID	7	smallint	4		
		ST_AGG	DESC_ID	6	smallint	4		
AGG_DESC_ITEM	DESC_ID	AGG_DESC	ID	1	smallint	4		
		AGG_DESC_DET	DESC_ID	3	smallint	4		
	DESC_DET_ID	AGG_DESCN	DESC_ID	3	smallint	4		
		AGG_PURP	DESC_ID	3	smallint	4		
		GA_AGG	DESC_DET_ID	6	smallint	4		
			DESC_ID	7	smallint	4		
		LEN_BR_AGG	DESC_ID	8	smallint	4		
			DESC_DET_ID	5	smallint	4		
		NATL_AGG	DESC_DET_ID	5	smallint	4		
			DESC_ID	6	smallint	4		
		SCH_BR_AGG	DESC_DET_ID	5	smallint	4		
			DESC_ID	6	smallint	4		
		SCH_BR_SVR_AGG	DESC_DET_ID	6	smallint	4		
			DESC_ID	7	smallint	4		
		ST_AGG	DESC_DET_ID	5	smallint	4		
			DESC_ID	6	smallint	4		
		AGG_DESCN	DESC_ID	AGG_DESC	ID	1	smallint	4
				AGG_DESC_DET	DESC_ID	3	smallint	4
AGG_DESC_ITEM	DESC_ID			3	smallint	4		
AGG_PURP	DESC_ID			3	smallint	4		
GA_AGG	DESC_ID			7	smallint	4		
LEN_BR_AGG	DESC_ID			8	smallint	4		
LEN_BR_SVR_AGG	DESC_ID			7	smallint	4		

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
		NATL_AGG	DESC_ID	6	smallint	4	
		REG_AGG	DESC_ID	7	smallint	4	
		SCH_BR_AGG	DESC_ID	6	smallint	4	
		SCH_BR_SVR_AGG	DESC_ID	7	smallint	4	
		ST_AGG	DESC_ID	6	smallint	4	
AGG_PURP	DESC_ID	AGG_DESC_DET	ID	1	smallint	4	
		AGG_DESC_ITEM	DESC_ID	3	smallint	4	
		AGG_DESCN	DESC_ID	3	smallint	4	
		GA_AGG	DESC_ID	7	smallint	4	
		LEN_BR_AGG	DESC_ID	8	smallint	4	
		LEN_BR_SVR_AGG	DESC_ID	7	smallint	4	
		NATL_AGG	DESC_ID	6	smallint	4	
		REG_AGG	DESC_ID	7	smallint	4	
		SCH_BR_AGG	DESC_ID	6	smallint	4	
		SCH_BR_SVR_AGG	DESC_ID	7	smallint	4	
		ST_AGG	DESC_ID	6	smallint	4	
AID_OVRPMT	STU_NO	EXP_STU_ENRL	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
	STU_SEQ_NO	FINANC_PROF		STU_NO	1	integer	9
				STU_SEQ_NO	2	smallint	4
	SCH_CODE	LOAN		SCH_CODE	34	char	6
				SCH_BR_CODE	35	char	4
				STU_NO	36	integer	9
				STU_SEQ_NO	37	smallint	4
	SCH_BR_CODE	PELL_GRT		STU_NO	1	integer	9
				STU_SEQ_NO	2	smallint	4
				ATT_SCH_CODE	3	char	6
				ATT_SCH_BR_CODE	4	char	2
				RPT_SCH_CODE	7	char	6
	SCH_CODE	PEPS_SBMTL_RUN_ERR		SCH_CODE	3	char	6
				SCH_BR_CODE	4	char	2
	SCH_BR_CODE	PREF_SCH		STU_NO	1	integer	9
				STU_SEQ_NO	2	smallint	4
				SCH_CODE	4	char	6
				SCH_BR_CODE	5	char	4
	SCH_CODE	PRSCRN_RSLT		STU_NO	50	char	4
				STU_SEQ_NO	51	char	2
	SCH_CODE	PRSCRN_RSLT_PELL		STU_NO	15	char	4
				STU_SEQ_NO	16	char	2
	SCH		CODE		1	char	6
	SCH_BR		SCH_CODE		8	char	6
	SCH_CODE	SCH_BR_CODE_XREF		SCH_CODE	2	char	6
				SCH_BR_CODE	3	char	4
	SCH_CODE	SCH_BR_STAT_HIS		SCH_CODE	3	char	6
				SCH_BR_CODE	4	char	4
	SCH_CODE	SCH_BR_TRAN_HIS		OLD_SCH_CODE	2	char	6
				OLD_SCH_BR_CODE	3	char	2
				NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	2	

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
		SSCR_CYCLE	SCH_CODE	1	char	6	
			SCH_BR_CODE	2	char	4	
		SSCR_RTN_HIS	SCH_CODE	1	char	6	
			SCH_BR_CODE	2	char	4	
		SSCR_TRSMTL_DET	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	4	
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6	
			SCH_BR_CODE	2	char	4	
		STU	NO	1	integer	9	
			SEQ_NO	13	smallint	4	
		STU_ADD	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
		STU_BR	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	4	
		STU_DEM	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
		STU_NM	STU_NO	5	integer	9	
			STU_SEQ_NO	6	smallint	4	
		STU_SSN	STU_NO	6	integer	9	
			STU_SEQ_NO	8	smallint	4	
		STU_STAT	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	4	
		STU_STAT_UNRESLV	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	4	
COLL	LOAN_NO GA_RESP_BEG_DT GA_CODE LOAN_SEQ_NO ID_STU_SEQ_NO LOAN_GUA_SEQ_NO	FDSLP_SVR_BR_HOL	LOAN_NO	5	integer	9	
			ID_STU_SEQ_NO	6	smallint	4	
			LOAN_SEQ_NO	7	smallint	4	
		GA	CODE	1	char	3	
		GA_AGG	GA_CODE	5	char	3	
			INSUR_CL_PMT	LOAN_NO	5	integer	9
				LOAN_SEQ_NO	10	smallint	4
		ID_STU_SEQ_NO		12	smallint	4	
		INSUR_CL_RFD	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	8	smallint	4	
			ID_STU_SEQ_NO	10	smallint	4	
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	7	smallint	4	
			ID_STU_SEQ_NO	9	smallint	4	
		LOAN	NO	1	integer	9	
			SEQ_NO	32	smallint	4	
			ID_STU_SEQ_NO	38	smallint	4	
			CURR_GA_CODE	26	char	3	

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		LOAN_CAN	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	9	smallint	4		
		LOAN_DFR	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
				LOAN_DIS	LOAN_NO	4	integer	9
					LOAN_SEQ_NO	7	smallint	4
					ID_STU_SEQ_NO	8	smallint	4
LOAN_GP	LOAN_NO			5	integer	9		
	ID_STU_SEQ_NO			6	smallint	4		
	LOAN_SEQ_NO			7	smallint	4		
	GP_LOAN_NO			8	integer	9		
	GP_ID_STU_SEQ_NO			9	smallint	4		
	GP_LOAN_SEQ_NO			10	smallint	4		
LOAN_GUA	RESP_BEG_DT			1	date	8		
	LOAN_NO			4	integer	9		
	GA_CODE			5	char	3		
	LOAN_SEQ_NO			8	smallint	4		
	ID_STU_SEQ_NO			9	smallint	4		
	SEQ_NO			10	smallint	4		
LOAN_MAT_DT_HIS	LOAN_NO			3	integer	9		
	LOAN_SEQ_NO			4	smallint	4		
	ID_STU_SEQ_NO			5	smallint	4		
LOAN_RFD	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			6	smallint	4		
	ID_STU_SEQ_NO			7	smallint	4		
LOAN_RPMT_PLAN	LOAN_NO			4	integer	9		
	ID_STU_SEQ_NO			5	smallint	4		
	LOAN_SEQ_NO			6	smallint	4		
LOAN_STAT	LOAN_NO			5	integer	9		
	LOAN_SEQ_NO			7	smallint	4		
	ID_STU_SEQ_NO			8	smallint	4		
LOAN_SUPP	LOAN_NO			35	integer	9		
	LOAN_SEQ_NO			36	smallint	4		
	ID_STU_SEQ_NO			37	smallint	4		
PCA_SPA_NOTIF	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			5	smallint	4		
	ID_STU_SEQ_NO			6	smallint	4		
PLUS_BOR_LOAN	LOAN_NO	3	integer	9				
	LOAN_SEQ_NO	4	smallint	4				
	ID_STU_SEQ_NO	6	smallint	4				
PRSCRN_RSLT_LOAN	CURR_GA_CODE	13	char	3				
	LOAN_NO	23	integer	9				
	ID_STU_SEQ_NO	24	smallint	4				
	LOAN_SEQ_NO	25	smallint	4				

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			GA_CODE	8	char	3
			GA_RESP_BEG_DT	9	date	8
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LOAN_GUA_SEQ_NO	13	smallint	4	
		REINSUR_CL_RFD	LOAN_NO	4	integer	9
			GA_CODE	5	char	3
			GA_RESP_BEG_DT	6	date	8
			LOAN_SEQ_NO	8	smallint	4
ID_STU_SEQ_NO	9		smallint	4		
LOAN_GUA_SEQ_NO	10	smallint	4			
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			GA_CODE	4	char	3
			GA_RESP_BEG_DT	5	date	8
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GUA_SEQ_NO	9	smallint	4	
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			GA_CODE	7	char	3
			GA_RESP_BEG_DT	8	date	8
			LOAN_SEQ_NO	10	smallint	4
ID_STU_SEQ_ID	11		smallint	4		
LOAN_GUA_SEQ_NO	13	smallint	4			
DFR_TYPE	CODE	LOAN	CURR_DFR_TYPE	20	char	2
EXP_STU_ENRL	SCH_TERM_CODE STU_DEM_CALNDR_YR STU_NO STU_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			CALNDR_YR	3	smallint	4
		LOAN	STU_NO	36	integer	9
			STU_SEQ_NO	37	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			STU_DEM_CALNDR_YR	3	smallint	4
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU	NO	1	integer	9
SEQ_NO	13		smallint	4		
STU_ADD	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
STU_BR	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
FDSLSP_SVR	CODE	FDSLSP_SVR_BR	FDSLSP_SVR_CODE	4	char	2
		FDSLSP_SVR_BR_HOL	FDSLSP_SVR_CODE	3	char	2
		SCH_ORIGN_HIS	FDSLSP_SVR_CODE	5	char	3
		FS_SBMTL_HIS	CODE	1	integer	9
FDSLSP_SVR_BR_HOL	FDSLSP_SVR_BR_CODE FDSLSP_SVR_CODE LOAN_NO ID_STU_SEQ_NO LOAN_SEQ_NO RESP_BEG_DT	FDSLSP_SVR	CODE	1	char	3
		COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FS_SBMTL_RUN_ERR	SBMTL_HIS_CODE	11	integer	9
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			ID_STU_SEQ_NO	32	smallint	4
			SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			ID_STU_SEQ_NO	36	smallint	4
			LOAN_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
SCH_ORIGN_HIS	FDSL_P_SVR_CODE	5	char	3		
	FDSL_P_SVR_BR_CODE	6	char	4		
SPA_PMT	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
		ID_STU_SEQ_NO	11	smallint	4	
FINANC_PROF	STU_DEM_CALNDR_YR STU_NO STU_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
		EXP_STU_ENRL	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
			STU_DEM_CALNDR_YR	3	smallint	2
		FINANC_PROF	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
			STU_DEM_CALNDR_YR	3	smallint	2
		LOAN	STU_NO	36	integer	4
			STU_SEQ_NO	37	smallint	2
		PELL_GRT	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
PREF_SCH	STU_NO	1	integer	4		
	STU_SEQ_NO	2	smallint	2		
	STU_DEM_CALNDR_YR	3	smallint	2		
		SSCR_TRSMPL_DET	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
		STU	NO	1	integer	4
			SEQ_NO	13	smallint	2
		STU_ADD	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
		STU_BR	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
		STU_DEM	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
		STU_NM	STU_NO	5	integer	4
			STU_SEQ_NO	6	smallint	2
		STU_SSN	STU_NO	6	integer	4
			STU_SEQ_NO	8	smallint	2
		STU_STAT	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
		STU_STAT_UNRESLV	STU_NO	1	integer	4
			STU_SEQ_NO	2	smallint	2
FS_SBMPL_HIS	CODE SCHED_SBMPL_DT	FS_SBMPL_RUN_ERR	SBMPL_HIS_CODE	11	integer	4
		FDSLPL_SVR	CODE	1	char	3
		SCH_ORIGN_HIS	FDSLPL_SVR_CODE	5	char	3
FS_SBMPL_RUN_ERR	DOB FFEL_DUP_ID LOAN_DT PLUS_BOR_SSN SBMPL_HIS_CODE STU_FST STU_SSN	FDSLPL_SVR	CODE	1	char	3
		FS_SBMPL_HIS	CODE	1	integer	8
			SCHED_SBMPL_DT	2	date	8
		LOAN	SCH_CODE	34	integer	8
		PLUS_BOR	CURR_SSN	2	char	9
		PLUS_BOR_SSN	NO	1	char	9
		SCH_ORIGN_HIS	FDSLPL_SVR_CODE	5	char	3
		STU	CURR_SSN	2	char	9
CURR_FST	4		char	12		
	DOB	7	date	8		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
GA	CODE	STU_SSN	NO	1	char	9
			STU_DOB	7	date	8
		COLL	GA_CODE	6	char	3
		GA_AGG	GA_CODE	5	char	3
		IRS_OFF	GA_CODE	7	char	3
		LOAN	CURR_GA_CODE	26	char	3
		LOAN_GUA	GA_CODE	5	char	3
		PRSCRN_RSLT_LOAN	CURR_GA_CODE	13	char	3
		REINSUR_CL_PMT	GA_CODE	8	char	3
		REINSUR_CL_RFD	GA_CODE	5	char	3
		SPA_PMT	GA_CODE	4	char	3
	SUPP_REINSUR_PMT	GA_CODE	7	char	3	
GA_AGG	DESC_DET_ID	AGG_DESC	ID	2	smallint	4
	DESC_ID	AGG_DESC_DET	DESC_ID	7	smallint	4
	GA_CODE	AGG_DESC_ITEM	DESC_DET_ID	6	smallint	4
	RPT_BEG_DT		DESC_ID	7	smallint	4
		AGG_DESCN	DESC_ID	7	smallint	4
		AGG_PURP	DESC_ID	7	smallint	4
		COLL	GA_CODE	6	char	3
		GA	CODE	1	char	3
		IRS_OFF	GA_CODE	7	char	3
		LOAN	CURR_GA_CODE	26	char	3
		LOAN_GUA	GA_CODE	5	char	3
		PRSCRN_RSLT_LOAN	CURR_GA_CODE	13	char	3
		REINSUR_CL_PMT	GA_CODE	8	char	3
		REINSUR_CL_RFD	GA_CODE	5	char	3
		SPA_PMT	GA_CODE	4	char	3
		SUPP_REINSUR_PMT	GA_CODE	7	char	3
GA_SBMTL_HIS	CODE	GA_SBMTL_RUN_ERR	SBMTL_HIS_CODE	12	smallint	4
		SCH_SBMTL_HIS	NOTIF_HIS_ID	12	integer	9
GA_SBMTL_RUN_ERR	DOB	LOAN	FFEL_DUP_ID	3	char	1
	FFEL_DUP_ID		DT	2	date	8
	GUA_DT	GA_SBMTL_HIS	CODE	1	smallint	4
	PLUS_BOR_SSN	PLUS_BOR	CURR_SSN	2	char	9
	SBMTL_HIS_CODE	PLUS_BOR_SSN	NO	1	char	9
	STU_SSN	STU	CURR_SSN	2	char	9
	STU_FST		CURR_FST	4	char	12
	SBMTL_HIS_SBMTL_DT		DOB	7	date	8
		STU_SSN	NO	1	char	9
	STU_DOB	STU_DOB	7	date	8	

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
INSUR_CL_PMT	ID_STU_SEQ_NO	COLL	LOAN_NO	5	integer	9		
	LEN_BR_CODE		LOAN_SEQ_NO	10	smallint	4		
	LEN_CODE		ID_STU_SEQ_NO	11	smallint	4		
	LEN_HOL_SEQ_NO	FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9		
	LOAN_NO		ID_STU_SEQ_NO	6	smallint	4		
	LEN_HOL_SYS_CR_DT		LOAN_SEQ_NO	7	smallint	4		
	LOAN_SEQ_NO	INSUR_CL_RFD	LOAN_NO	4	integer	9		
			LEN_BR_CODE	5	char	9		
			LEN_CODE	6	char	6		
			LOAN_SEQ_NO	8	smallint	4		
			LEN_HOL_SYS_CR_DT	9	date	8		
			ID_STU_SEQ_NO	10	smallint	4		
			LEN_HOL_SEQ_NO	11	smallint	4		
			IRS_OFF	LOAN_NO	6	integer	9	
				LOAN_SEQ_NO	11	smallint	4	
				ID_STU_SEQ_NO	12	smallint	4	
			LEN	CODE	1	char	6	
		LEN_BR		CODE	1	char	6	
				LEN_CODE	2	char	6	
		LEN_BR_AGG		LEN_BR_CODE	6	char	9	
				LEN_CODE	7	char	6	
		LEN_BR_HOL		LOAN_NO	5	integer	9	
				LEN_CODE	6	char	6	
				LEN_BR_CODE	7	char	9	
				LOAN_SEQ_NO	11	smallint	4	
				ID_STU_SEQ_NO	12	smallint	4	
		LEN_BR_HOL_SVR		LOAN_NO	4	integer	9	
				LOAN_SEQ_NO	7	smallint	4	
				LEN_HOL_SYS_CR_DT	8	date	8	
				ID_STU_SEQ_NO	9	smallint	4	
				LEN_HOL_SEQ_NO	10	smallint	4	
			LEN_BR_SVR	CODE	1	char	4	
			LEN_BR_TRAN_HIS	OLD_LEN_CODE	2	char	6	
					OLD_LEN_BR_CODE	3	char	4
					NEW_LEN_CODE	4	char	6
					NEW_LEN_BR_CODE	5	char	4
			LOAN		NO	1	integer	9
					SEQ_NO	32	smallint	4
					ID_STU_SEQ_NO	38	smallint	4
					CURR_LEN_CODE	27	char	6
				ORIG_LEN_CODE	29	char	6	
				ORIG_LEN_BR_CODE	30	char	4	
		LOAN_CAN		LOAN_NO	4	integer	9	
				CURR_LEN_CODE	7	char	6	
				LOAN_SEQ_NO	8	smallint	4	
				ID_STU_SEQ_NO	9	smallint	4	
		LOAN_DFR		LOAN_NO	5	integer	9	
				LOAN_SEQ_NO	6	smallint	4	
			ID_STU_SEQ_NO	7	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_DIS	LOAN_NO	4	integer	9
			CURR_LEN_CODE	6	char	6
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
LOAN_SEQ_NO	25		smallint	4		
REINSUR_CL_PMT	LOAN_NO		7	integer	9	
	LOAN_SEQ_NO		10	smallint	4	
	ID_STU_SEQ_NO		12	smallint	4	
REINSUR_CL_RFD	LOAN_NO		4	integer	9	
	LOAN_SEQ_NO		8	smallint	4	
	ID_STU_SEQ_NO		10	smallint	4	
RPCH_LOAN	LOAN_NO	5	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
	ID_STU_SEQ_NO	7	smallint	4		
SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
INSUR_CL_RFD	ID_STU_SEQ_NO LEN_BR_CODE LEN_CODE	COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
	LEN_HOL_SEQ_NO LOAN_NO	FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
	LEN_HOL_SYS_CR_DT LOAN_SEQ_NO	INSUR_CL_PMT	LOAN_NO	5	integer	9
			LEN_BR_CODE	5	char	9
			LEN_CODE	6	char	6
			LOAN_SEQ_NO	8	smallint	4
			LEN_HOL_SYS_CR_DT	9	date	8
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
	LEN	CODE	1	char	6	
	LEN_BR	CODE	1	char	4	
		LEN_CODE	2	char	6	
	LEN_BR_AGG	LEN_CODE	6	char	6	
		LEN_BR_CODE	7	char	9	
	LEN_BR_HOL	LEN_CODE	6	char	6	
		LEN_BR_CODE	7	char	9	
		LOAN_SEQ_NO	11	smallint	4	
		ID_STU_SEQ_NO	12	smallint	4	
		SEQ_NO	13	smallint	4	
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LEN_BR_CODE	5	char	9
LEN_CODE			6	char	6	
LOAN_SEQ_NO			7	smallint	4	
LEN_HOL_SYS_CR_DT			8	date	8	
ID_STU_SEQ_NO			9	smallint	4	
LEN_HOL_SEQ_NO		10	smallint	4		
LEN_BR_SVR		CODE	1	char	4	
LEN_BR_TRAN_HIS		OLD_LEN_CODE	2	char	6	
		OLD_LEN_BR_CODE	3	char	4	
		NEW_LEN_CODE	4	char	6	
		NEW_LEN_BR_CODE	5	char	4	
LOAN		NO	1	integer	9	
		CURR_LEN_CODE	27	char	6	
		ORIG_LEN_CODE	29	char	6	
	ORIG_LEN_BR_CODE	30	char	4		
	SEQ_NO	32	smallint	4		
	ID_STU_SEQ_NO	38	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_CAN	LOAN_NO	4	integer	9
			CURR_LEN_CODE	7	char	6
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
			CURR_LEN_CODE	6	char	6
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
LOAN_SEQ_NO	7		smallint	4		
ID_STU_SEQ_NO	8		smallint	4		
LOAN_SUPP	LOAN_NO	35	integer	9		
	LOAN_SEQ_NO	36	smallint	4		
	ID_STU_SEQ_NO	37	smallint	4		
PCA_SPA_NOTIF	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9		
	ID_STU_SEQ_NO	24	smallint	4		
	LOAN_SEQ_NO	25	smallint	4		
REINSUR_CL_PMT	LOAN_NO	7	integer	9		
	LOAN_SEQ_NO	11	smallint	4		
	ID_STU_SEQ_NO	12	smallint	4		
REINSUR_CL_RFD	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	8	smallint	4		
	ID_STU_SEQ_NO	10	smallint	4		

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		RPCH_LOAN	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
		SCH_BR_HOL_SVR		LOAN_NO	4	integer	9	
				LOAN_SEQ_NO	5	smallint	4	
				ID_STU_SEQ_NO	6	smallint	4	
		SPA_PMT		LOAN_NO	3	integer	9	
				LOAN_SEQ_NO	7	smallint	4	
				ID_STU_SEQ_NO	8	smallint	4	
		SUPP_REINSUR_PMT		LOAN_NO	6	integer	9	
				LOAN_SEQ_NO	10	smallint	4	
				ID_STU_SEQ_NO	11	smallint	4	
IRS_OFF	GA_CODE GA_RESP_BEG_DT ID_STU_SEQ_NO LOAN_GUA_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9		
			GA_CODE	6	char	3		
			GA_RESP_BEG_DT	7	date	8		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
			LOAN_GUA_SEQ_NO	14	smallint	4		
		FDSL_P_SVR_BR_HOL		LOAN_NO	5	integer	9	
				ID_STU_SEQ_NO	6	smallint	4	
				LOAN_SEQ_NO	7	smallint	4	
		GA	CODE	1	char	3		
		GA_AGG	GA_CODE	5	char	3		
		INSUR_CL_PMT		LOAN_NO	5	integer	9	
				LOAN_SEQ_NO	10	smallint	4	
				ID_STU_SEQ_NO	12	smallint	4	
		INSUR_CL_RFD		LOAN_NO	4	integer	9	
				LOAN_SEQ_NO	8	smallint	4	
				ID_STU_SEQ_NO	10	smallint	4	
		LEN_BR_HOL		LOAN_NO	5	integer	9	
				LOAN_SEQ_NO	11	smallint	4	
				ID_STU_SEQ_NO	12	smallint	4	
		LEN_BR_HOL_SVR		LOAN_NO	4	integer	9	
				LOAN_SEQ_NO	7	smallint	4	
				ID_STU_SEQ_NO	9	smallint	4	
				LEN_LST_RST_HIS	LOAN_NO	6	integer	9
					LOAN_SEQ_NO	11	smallint	4
					ID_STU_SEQ_NO	12	smallint	4
				LOAN		NO	1	integer
CURR_GA_CODE	26					char	3	
SEQ_NO	32					smallint	4	
ID_STU_SEQ_NO	38					smallint	4	
LOAN_CAN				LOAN_NO	4	integer	9	
				LOAN_SEQ_NO	8	smallint	4	
				ID_STU_SEQ_NO	9	smallint	4	
LOAN_DFR				LOAN_NO	5	integer	9	
				LOAN_SEQ_NO	6	smallint	4	
				ID_STU_SEQ_NO	7	smallint	4	
LOAN_DIS				LOAN_NO	4	integer	9	
				LOAN_SEQ_NO	7	smallint	4	
		ID_STU_SEQ_NO	8	smallint	4			

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	RESP_BEG_DT	1	date	8
			LOAN_NO	4	integer	9
			GA_CODE	5	char	3
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
			SEQ_NO	10	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PRSCRN_RSLT_LOAN	PRSCRN_RSLT_LOAN	CURR_GA_CODE	13	char	3	
		LOAN_NO	23	integer	9	
		ID_STU_SEQ_NO	24	smallint	4	
		LOAN_SEQ_NO	25	smallint	4	
	REINSUR_CL_PMT	LOAN_NO	7	integer	9	
		GA_CODE	8	char	3	
		GA_RESP_BEG_DT	9	date	8	
		LOAN_SEQ_NO	11	smallint	4	
		ID_STU_SEQ_NO	12	smallint	4	
	REINSUR_CL_RFD	LOAN_GUA_SEQ_NO	13	smallint	4	
		LOAN_NO	6	integer	9	
		GA_CODE	7	char	3	
GA_RESP_BEG_DT		8	date	8		
LOAN_SEQ_NO		11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4
			LOAN_GUA_SEQ_NO	14	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			GA_CODE	4	char	3
			GA_RESP_BEG_DT	5	date	8
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			GA_CODE	7	char	3
			GA_RESP_BEG_DT	8	date	8
			LOAN_SEQ_NO	10	smallint	4
ID_STU_SEQ_ID	11		smallint	4		
LEN	CODE	INSUR_CL_PMT	LEN_CODE	7	char	6
			INSUR_CL_RFD	LEN_CODE	6	char
		LEN_BR	LEN_CODE	2	char	6
		LEN_BR_AGG	LEN_CODE	6	char	6
		LEN_BR_HOL	LEN_CODE	6	char	6
		LEN_BR_HOL_SVR	LEN_CODE	6	char	6
		LEN_BR_TRAN_HIS	OLD_LEN_CODE	2	char	6
			NEW_LEN_CODE	4	char	6
		LOAN	CURR_LEN_CODE	27	char	6
			ORIG_LEN_CODE	29	char	6
LOAN_CAN	CURR_LEN_CODE	7	char	6		
LOAN_DIS	CURR_LEN_CODE	6	char	6		
LEN_BR	CODE LEN_CODE	INSUR_CL_PMT	LEN_BR_CODE	6	char	4
			LEN_CODE	7	char	6
		INSUR_CL_RFD	LEN_BR_CODE	5	char	4
			LEN_CODE	6	char	6
LEN	CODE	1	char	6		
		LEN_BR_AGG	LEN_CODE	6	char	6
			LEN_BR_CODE	7	char	4
		LEN_BR_HOL	LEN_CODE	6	char	6
			LEN_BR_CODE	7	char	4
		LEN_BR_HOL_SVR	LEN_BR_CODE	5	char	4
			LEN_CODE	6	char	6
		LEN_BR_TRAN_HIS	OLD_LEN_CODE	2	char	6
			OLD_LEN_BR_CODE	3	char	4
			NEW_LEN_CODE	4	char	6
			NEW_LEN_BR_CODE	5	char	4
LOAN	CURR_LEN_CODE	27	char	6		
	ORIG_LEN_CODE	29	char	6		
	ORIG_LEN_BR_CODE	30	char	4		

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
LEN_BR_AGG	DESC_DET_ID	AGG_DESC	ID	2	smallint	4	
	DESC_ID	AGG_DESC_DET	DESC_ID	8	smallint	4	
	LEN_BR_CODE	AGG_DESC_ITEM	DESC_DET_ID	5	smallint	4	
			DESC_ID	8	smallint	4	
	LEN_CODE	AGG_DESCN	DESC_ID	8	smallint	4	
	RPT_BEG_DT	AGG_PURP	DESC_ID	8	smallint	4	
			INSUR_CL_PMT	LEN_BR_CODE	6	char	4
			LEN_CODE	7	char	6	
	INSUR_CL_RFD	INSUR_CL_PMT	LEN_BR_CODE	5	char	4	
			LEN_CODE	6	char	6	
	LEN	INSUR_CL_RFD	LEN_BR_CODE	5	char	4	
			LEN_CODE	6	char	6	
	LEN_BR	LEN	CODE	1	char	6	
	LEN_BR_HOL	LEN_BR	LEN_CODE	2	char	6	
	LEN_BR_HOL_SVR	LEN_BR_HOL	LEN_CODE	6	char	6	
			LEN_BR_CODE	7	char	4	
	LEN_BR_HOL_SVR	LEN_BR_HOL_SVR	LEN_CODE	6	char	6	
			OLD_LEN_CODE	2	char	6	
			OLD_LEN_BR_CODE	3	char	4	
			NEW_LEN_CODE	4	char	6	
LEN_BR_TRAN_HIS	LEN_BR_TRAN_HIS	NEW_LEN_BR_CODE	5	char	4		
		LOAN	CURR_LEN_CODE	27	char	6	
		ORIG_LEN_CODE	29	char	6		
LOAN_CAN	LOAN	CURR_LEN_CODE	7	char	6		
LOAN_DIS	LOAN	CURR_LEN_CODE	6	char	6		
LEN_BR_HOL	ID_STU_SEQ_NO	COLL	LOAN_NO	5	integer	9	
			LOAN_SEQ_NO	10	smallint	4	
			ID_STU_SEQ_NO	11	smallint	4	
	LEN_BR_CODE	FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9	
			ID_STU_SEQ_NO	6	smallint	4	
			LOAN_SEQ_NO	7	smallint	4	
	LEN_CODE	INSUR_CL_PMT	LOAN_NO	5	integer	9	
	LOAN_NO		LOAN_NO	5	integer	9	
	SEQ_NO		LEN_BR_CODE	6	char	9	
	LOAN_SEQ_NO		LEN_CODE	7	char	6	
	SYS_CR_DT		LOAN_SEQ_NO	LOAN_SEQ_NO	10	smallint	4
			LEN_HOL_SYS_CR_DT	LEN_HOL_SYS_CR_DT	11	date	8
			ID_STU_SEQ_NO	12	smallint	4	
			LEN_HOL_SEQ_NO	14	smallint	4	
	INSUR_CL_RFD	INSUR_CL_RFD	LOAN_NO	5	integer	9	
			LEN_BR_CODE	5	char	9	
			LEN_CODE	6	char	6	
			LOAN_SEQ_NO	8	smallint	4	
			LEN_HOL_SYS_CR_DT	9	date	8	
			ID_STU_SEQ_NO	10	smallint	4	
	IRS_OFF	IRS_OFF	IRS_OFF	LEN_HOL_SEQ_NO	11	smallint	4
				LOAN_NO	6	integer	9
				LOAN_SEQ_NO	11	smallint	4
	LEN	LEN	LEN	ID_STU_SEQ_NO	12	smallint	4
				CODE	1	char	6
	LEN_BR	LEN_BR	LEN_BR	CODE	1	char	4
LEN_CODE				2	char	6	
LEN_BR_AGG	LEN_BR_AGG	LEN_BR_AGG	LEN_CODE	6	char	6	
			LEN_BR_CODE	7	char	9	

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9	
			LEN_BR_CODE	5	char	9	
			LEN_CODE	6	char	6	
			LOAN_SEQ_NO	7	smallint	4	
			LEN_HOL_SYS_CR_DT	8	date	8	
			ID_STU_SEQ_NO	9	smallint	4	
			LEN_HOL_SEQ_NO	10	smallint	4	
		LOAN	NO	1	integer	9	
			CURR_LEN_CODE	27	char	6	
			ORIG_LEN_CODE	29	char	6	
			ORIG_LEN_BR_CODE	30	char	4	
			SEQ_NO	32	smallint	4	
			ID_STU_SEQ_NO	38	smallint	4	
		LOAN_CAN	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	8	smallint	4	
			ID_STU_SEQ_NO	9	smallint	4	
		LOAN_DFR	LOAN_NO	5	integer	9	
			LOAN_SEQ_NO	6	smallint	4	
			ID_STU_SEQ_NO	7	smallint	4	
		LOAN_DIS	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	7	smallint	4	
			ID_STU_SEQ_NO	8	smallint	4	
			CURR_LEN_CODE	6	char	6	
		LOAN_GP	LOAN_NO	5	integer	9	
			ID_STU_SEQ_NO	6	smallint	4	
			LOAN_SEQ_NO	7	smallint	4	
			GP_LOAN_NO	8	integer	9	
			GP_ID_STU_SEQ_NO	9	smallint	4	
		LOAN_GUA	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	8	smallint	4	
			ID_STU_SEQ_NO	9	smallint	4	
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9	
			LOAN_SEQ_NO	4	smallint	4	
			ID_STU_SEQ_NO	5	smallint	4	
		LOAN_RFD	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	6	smallint	4	
			ID_STU_SEQ_NO	7	smallint	4	
			LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
				ID_STU_SEQ_NO	5	smallint	4
				LOAN_SEQ_NO	6	smallint	4
			LOAN_STAT	LOAN_NO	5	integer	9
				LOAN_SEQ_NO	7	smallint	4
ID_STU_SEQ_NO	8			smallint	4		
LOAN_SUPP	LOAN_NO	35	integer	9			
	LOAN_SEQ_NO	36	smallint	4			
	ID_STU_SEQ_NO	37	smallint	4			
PCA_SPA_NOTIF	LOAN_NO	4	integer	9			
	LOAN_SEQ_NO	5	smallint	4			
	ID_STU_SEQ_NO	6	smallint	4			

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
			LOAN_SEQ_NO	4	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9		
			ID_STU_SEQ_NO	24	smallint	4		
			LOAN_SEQ_NO	25	smallint	4		
		REINSUR_CL_PMT	LOAN_NO	7	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		REINSUR_CL_RFD	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	10	smallint	4		
		RPCH_LOAN	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	5	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		SPA_PMT	LOAN_NO	3	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	11	smallint	4		
		LEN_BR_HOL_SVR	ID_STU_SEQ_NO LEN_BR_CODE LEN_CODE LEN_HOL_SEQ_NO LOAN_NO LEN_HOL_SYS_CR_DT LOAN_SEQ_NO SVR_CODE	COLL	LOAN_NO	5	integer	9
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_NO	11	smallint	4
				FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
					ID_STU_SEQ_NO	6	smallint	4
					LOAN_SEQ_NO	7	smallint	4
INSUR_CL_PMT	LOAN_NO			5	integer	9		
	LEN_BR_CODE			6	char	9		
	LEN_CODE			7	char	6		
	LOAN_SEQ_NO			10	smallint	4		
	LEN_HOL_SYS_CR_DT			11	date	8		
	ID_STU_SEQ_NO			12	smallint	4		
		INSUR_CL_RFD	LOAN_NO	4	integer	9		
			LEN_BR_CODE	5	char	9		
			LEN_CODE	6	char	6		
			LOAN_SEQ_NO	8	smallint	4		
			LEN_HOL_SYS_CR_DT	9	date	8		
			ID_STU_SEQ_NO	10	smallint	4		
		IRS_OFF	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		LEN	CODE	1	char	6		
		LEN_BR	CODE	1	char	4		
			LEN_CODE	2	char	6		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LEN_BR_AGG	LEN_CODE	6	char	6
			LEN_BR_CODE	7	char	4
		LEN_BR_HOL	SYS_CR_DT	3	date	8
			LOAN_NO	5	integer	9
			LEN_CODE	6	char	6
			LEN_BR_CODE	7	char	4
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
			SEQ_NO	13	smallint	4
		LEN_BR_SVR	CODE	1	char	6
		LEN_BR_SVR_AGG	SVR_CODE	5	char	6
		LEN_BR_TRAN_HIS	OLD_LEN_CODE	2	char	6
			OLD_LEN_BR_CODE	3	char	4
			NEW_LEN_CODE	4	char	6
			NEW_LEN_BR_CODE	5	char	4
		LOAN	NO	1	integer	9
			CURR_LEN_CODE	27	char	6
			ORIG_LEN_CODE	29	char	6
			ORIG_LEN_BR_CODE	30	char	4
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
			LOAN_CAN	LOAN_NO	4	integer
		LOAN_CAN	CURR_LEN_CODE	7	char	6
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
			LOAN_DFR	LOAN_NO	5	integer
		LOAN_DFR	LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
			LOAN_DIS	LOAN_NO	4	integer
		LOAN_DIS	LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
			CURR_LEN_CODE	6	char	6
			LOAN_GP	LOAN_NO	5	integer
		LOAN_GP	ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
LOAN_RPMT_PLAN	LOAN_NO	4	integer	9		
	ID_STU_SEQ_NO	5	smallint	4		
	LOAN_SEQ_NO	6	smallint	4		

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
		LOAN_STAT	LOAN_NO	5	integer	9	
			LOAN_SEQ_NO	7	smallint	4	
			ID_STU_SEQ_NO	8	smallint	4	
		LOAN_SUPP	LOAN_NO	35	integer	9	
			LOAN_SEQ_NO	36	smallint	4	
			ID_STU_SEQ_NO	37	smallint	4	
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	5	smallint	4	
			ID_STU_SEQ_NO	6	smallint	4	
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9	
			LOAN_SEQ_NO	4	smallint	4	
			ID_STU_SEQ_NO	6	smallint	4	
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9	
			ID_STU_SEQ_NO	24	smallint	4	
			LOAN_SEQ_NO	25	smallint	4	
		REINSUR_CL_PMT	LOAN_NO	7	integer	9	
			LOAN_SEQ_NO	11	smallint	4	
			ID_STU_SEQ_NO	12	smallint	4	
		REINSUR_CL_RFD	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	8	smallint	4	
			ID_STU_SEQ_NO	10	smallint	4	
RPCH_LOAN	LOAN_NO	5	integer	9			
	LOAN_SEQ_NO	6	smallint	4			
	ID_STU_SEQ_NO	7	smallint	4			
SPA_PMT	LOAN_NO	3	integer	9			
	LOAN_SEQ_NO	7	smallint	4			
	ID_STU_SEQ_NO	8	smallint	4			
SUPP_REINSUR_PMT	LOAN_NO	6	integer	9			
	LOAN_SEQ_NO	10	smallint	4			
	ID_STU_SEQ_ID	11	smallint	4			
LEN_BR_SVR	CODE	LEN_BR_HOL_SVR	SVR_CODE	3	char	6	
		INSUR_CL_PMT	LEN_BR_CODE	6	char	4	
		LOAN	CURR_LEN_SVR_CODE	28	char	6	
LEN_BR_SVR_AGG	SVR_CODE	AGG_DESC	ID	2	smallint	4	
	DESC_ID	AGG_DESC_DET	DESC_ID	7	smallint	4	
	DESC_DET_ID	AGG_DESC_ITEM	DESC_DET_ID	6	smallint	4	
		DESC_ID	DESC_ID	7	smallint	4	
	AGG_DESCN	DESC_ID	DESC_ID	7	smallint	4	
	AGG_PURP	DESC_ID	DESC_ID	7	smallint	4	
	LEN_BR_HOL_SVR	SVR_CODE	SVR_CODE	3	char	6	
		LEN_BR_SVR	CODE	1	char	6	
		LOAN	CURR_LEN_SVR_CODE	28	char	6	
LEN_BR_TRAN_HIS	OLD_LEN_CODE	INSUR_CL_PMT	LEN_BR_CODE	6	char	4	
	OLD_LEN_BR_CODE		LEN_CODE	7	char	6	
	NEW_LEN_CODE	INSUR_CL_RFD	LEN_BR_CODE	5	char	4	
	NEW_LEN_BR_CODE		LEN_CODE	6	char	6	
	SYS_CR_DT	LEN	CODE	CODE	1	char	6
		LEN_BR	CODE	CODE	1	char	4
			LEN_CODE	LEN_CODE	2	char	6
		LEN_BR_AGG	LEN_CODE	LEN_CODE	6	char	6
			LEN_BR_CODE	7	char	4	

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LEN_BR_HOL	LEN_CODE	6	char	6
			LEN_BR_CODE	7	char	4
		LOAN	CURR_LEN_CODE	27	char	6
			ORIG_LEN_CODE	29	char	6
			ORIG_LEN_BR_CODE	30	char	4
LOAN_CAN	CURR_LEN_CODE	7	char	6		
LOAN_DIS	CURR_LEN_CODE	6	char	6		
LOAN	CURR_LEN_CODE	AID_OVRPMT	STU_NO	1	integer	9
	ORIG_LEN_BR_CODE		STU_SEQ_NO	2	smallint	4
	ID_STU_SEQ_NO		SCH_CODE	3	char	6
	LOAN_TYPE		SCH_BR_CODE	4	char	4
	ORIG_LEN_CODE	COLL	LOAN_NO	5	integer	9
	SEQ_NO		GA_CODE	6	char	3
	SCH_BR_CODE		LOAN_SEQ_NO	10	smallint	4
	SCH_CODE		ID_STU_SEQ_NO	11	smallint	4
	STU_NO	DFR_TYPE_USAGE	DFR_TYPE_CODE	4	char	2
	STU_SEQ_NO	EXP_STU_ENRL	STU_NO	1	integer	9
	CURR_DFR_TYPE		STU_SEQ_NO	2	smallint	4
	CURR_GA_CODE	FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
	FDSL_P_ORIG_SVR		ID_STU_SEQ_NO	6	smallint	4
	CURR_LEN_SVR_CODE		LOAN_SEQ_NO	7	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		FS_SBM_TL_RUN_ERR	SCH_CODE	4	integer	9
		GA	CODE	1	char	3
		GA_SBM_TL_RUN_ERR	SCH_CODE	4	integer	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		INSUR_FEE_RT	LOAN_TYPE	39	char	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN	CODE	1	char	6
		LEN_BR	CODE	1	char	4
			LEN_CODE	2	char	6
	LEN_BR_AGG	LEN_CODE	6	char	6	
		LEN_BR_CODE	7	char	4	
	LEN_BR_HOL	LOAN_SEQ_NO	5	char	4	
		LEN_CODE	6	char	6	
		LEN_BR_CODE	7	char	4	
		ID_STU_SEQ_NO	12	smallint	4	
	LEN_BR_HOL_SVR	LOAN_NO	4	integer	9	
		LOAN_SEQ_NO	7	smallint	4	
		ID_STU_SEQ_NO	9	smallint	4	

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
		LEN_BR_TRAN_HIS	OLD_LEN_CODE	2	char	6	
			OLD_LEN_BR_CODE	3	char	4	
			NEW_LEN_CODE	4	char	6	
			NEW_LEN_BR_CODE	5	char	4	
		LEN_BR_SVR		CODE	1	char	6
		LOAN_CAN		LOAN_NO	4	integer	9
				CURR_LEN_CODE	7	char	6
				LOAN_SEQ_NO	8	smallint	4
				ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR		LOAN_NO	5	integer	9
				LOAN_SEQ_NO	6	smallint	4
				ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS		LOAN_NO	4	integer	9
				LOAN_SEQ_NO	7	smallint	4
				ID_STU_SEQ_NO	8	smallint	4
				CURR_LEN_CODE	6	char	6
		LOAN_GP		LOAN_NO	5	integer	9
				ID_STU_SEQ_NO	6	smallint	4
				LOAN_SEQ_NO	7	smallint	4
				GP_LOAN_NO	8	integer	9
				GP_ID_STU_SEQ_NO	9	smallint	4
				GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA		LOAN_NO	4	integer	9
				GA_CODE	5	char	3
				LOAN_SEQ_NO	8	smallint	4
				ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS		LOAN_NO	3	integer	9
				LOAN_SEQ_NO	4	smallint	4
				ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD		LOAN_NO	4	integer	9
				LOAN_SEQ_NO	6	smallint	4
				ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN		LOAN_NO	4	integer	9
				ID_STU_SEQ_NO	5	smallint	4
				LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT		LOAN_NO	5	integer	9
				LOAN_SEQ_NO	7	smallint	4
				ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP		LOAN_NO	35	integer	9
				LOAN_SEQ_NO	36	smallint	4
				ID_STU_SEQ_NO	37	smallint	4
		LOAN_TYPE		CODE	1	char	2
	NEW_LOAN_TYPE		4	char	2		
	PELL_GRT		STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			ATT_SCH_CODE	3	char	6	
			ATT_SCH_BR_CODE	4	char	2	
			RPT_SCH_CODE	7	char	2	
			RPT_SCH_BR_CODE	8	char	6	
	PEPS_SBMTL_RUN_ERR		SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	2	

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PREF_SCH	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	4
			STU_NO	4	integer	9
			STU_SEQ_NO	5	smallint	4
		PRSCRN_RSLT	STU_NO	50	char	9
			STU_SEQ_NO	51	char	4
		PRSCRN_RSLT_LOAN	ID_STU_SEQ_NO	24	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	integer	9
			STU_SEQ_NO	16	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		RT	LOAN_TYPE_CODE	15	char	2
		RT_CATG	LOAN_TYPE_CODE	2	char	2
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	34	char	6
			CODE	1	char	2
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	4
		SSCR_DELIHQ_LTR	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	4
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	4
		SSCR_TRSMTL_DET	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
			STU_NO	3	integer	9
STU_SEQ_NO	4		smallint	4		
SSCR_TRSMTL_HIS	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	4		
STU_ADD	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		STU_BR	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
			STU_NO	36	integer	9		
			STU_SEQ_NO	37	smallint	4		
		STU_DEM	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		STU_NM	STU_NO	5	integer	9		
			STU_SEQ_NO	6	smallint	4		
		STU_SSN	STU_NO	6	integer	9		
			STU_SEQ_NO	8	smallint	4		
		STU_STAT	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
			SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		STU_STAT_UNRESLV	STU_NO	1	integer	9		
			SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_ID	11	smallint	4		
LOAN_CAN	LOAN_NO LOAN_SEQ_NO ID_STU_SEQ_NO	COLL	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	11	smallint	4		
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		INSUR_CL_PMT	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		INSUR_CL_RFD	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	10	smallint	4		
		IRS_OFF	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		LEN_BR_HOL	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	9	smallint	4		
		LOAN	NO	1	integer	9		
			SEQ_NO	32	smallint	4		
			ID_STU_SEQ_NO	38	smallint	4		
				LOAN_DFR	LOAN_NO	5	integer	9
					LOAN_SEQ_NO	6	smallint	4
					ID_STU_SEQ_NO	7	smallint	4
				LOAN_DIS	LOAN_NO	4	integer	9
					LOAN_SEQ_NO	7	smallint	4
					ID_STU_SEQ_NO	8	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	CURR_GA_CODE	13	char	3
			LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			GA_CODE	8	char	3
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	ID_STU_SEQ_NO	9	smallint	4
			LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			GA_CODE	5	char	3
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	2
			NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	2
		SPA_PMT	LOAN_NO	3	integer	9
			GA_CODE	4	char	3
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
		LOAN_DFR	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5
LOAN_SEQ_NO	10				smallint	4
ID_STU_SEQ_NO	11				smallint	4
FDSLPR_SVR_BR_HOL	LOAN_NO			5	integer	9
	LOAN_SEQ_NO			7	smallint	4
	ID_STU_SEQ_NO			6	smallint	4
INSUR_CL_PMT	LOAN_NO			5	integer	9
	LOAN_SEQ_NO			10	smallint	4
	ID_STU_SEQ_NO			12	smallint	4
INSUR_CL_RFD	LOAN_NO			4	integer	9
	LOAN_SEQ_NO			8	smallint	4
	ID_STU_SEQ_NO			10	smallint	4
IRS_OFF	LOAN_NO			6	integer	9
	LOAN_SEQ_NO			11	smallint	4
	ID_STU_SEQ_NO			12	smallint	4
LEN_BR_HOL	LOAN_NO			5	integer	9
	LOAN_SEQ_NO			11	smallint	4
	ID_STU_SEQ_NO			12	smallint	4
LEN_BR_HOL_SVR	LOAN_NO			4	integer	9
	LOAN_SEQ_NO			7	smallint	4
	ID_STU_SEQ_NO			9	smallint	4
LOAN	NO			1	integer	9
	SEQ_NO			32	smallint	4
	ID_STU_SEQ_NO			38	smallint	4
LOAN_CAN	LOAN_NO			4	integer	9
	LOAN_SEQ_NO			8	smallint	4
	ID_STU_SEQ_NO			9	smallint	4
LOAN_DIS	LOAN_NO			4	integer	9
	LOAN_SEQ_NO			7	smallint	4
	ID_STU_SEQ_NO			8	smallint	4
LOAN_GP	LOAN_NO			5	integer	9
	ID_STU_SEQ_NO			6	smallint	4
	LOAN_SEQ_NO			7	smallint	4
	GP_LOAN_NO			8	integer	9
	GP_ID_STU_SEQ_NO			9	smallint	4
	GP_LOAN_SEQ_NO			10	smallint	4
LOAN_GUA	LOAN_NO			4	integer	9
	LOAN_SEQ_NO			8	smallint	4
	ID_STU_SEQ_NO			9	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
LOAN_DIS	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
ID_STU_SEQ_NO	37		smallint	4		
PCA_SPA_NOTIF	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9		
			ID_STU_SEQ_NO	24	smallint	4		
			LOAN_SEQ_NO	25	smallint	4		
		REINSUR_CL_PMT	LOAN_NO	7	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		REINSUR_CL_RFD	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		RPCH_LOAN	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	5	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		SPA_PMT	LOAN_NO	3	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_ID	11	smallint	4		
		LOAN_EXTL_ID	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_NO	11	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		INSUR_CL_PMT	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		INSUR_CL_RFD	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	10	smallint	4		
		IRS_OFF	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		LEN_BR_HOL	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	9	smallint	4		
		LOAN	NO	1	integer	9		
			SEQ_NO	32	smallint	4		
			ID_STU_SEQ_NO	38	smallint	4		
		LOAN_CAN	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	9	smallint	4		
		LOAN_DIS	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
LOAN_GP	GP_ID_STU_SEQ_NO	COLL	LOAN_NO	5	integer	9	
	GP_LOAN_NO		LOAN_SEQ_NO	10	smallint	4	
	GP_LOAN_SEQ_NO		ID_STU_SEQ_NO	11	smallint	4	
	ID_STU_SEQ_NO	FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9	
	LOAN_NO		ID_STU_SEQ_NO	6	smallint	4	
	LOAN_SEQ_NO		LOAN_SEQ_NO	7	smallint	4	
			INSUR_CL_PMT	LOAN_NO	5	integer	9
				LOAN_SEQ_NO	10	smallint	4
				ID_STU_SEQ_NO	12	smallint	4
			INSUR_CL_RFD	LOAN_NO	4	integer	9
				LOAN_SEQ_NO	8	smallint	4
				ID_STU_SEQ_NO	10	smallint	4
			IRS_OFF	LOAN_NO	6	integer	9
				ID_STU_SEQ_NO	11	smallint	4
				LOAN_SEQ_NO	12	smallint	4
			LEN_BR_HOL	LOAN_NO	5	integer	9
				LOAN_SEQ_NO	11	smallint	4
				ID_STU_SEQ_NO	12	smallint	4
			LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
				LOAN_SEQ_NO	7	smallint	4
				ID_STU_SEQ_NO	9	smallint	4
			LOAN	NO	1	integer	9
				SEQ_NO	32	smallint	4
				ID_STU_SEQ_NO	38	smallint	4
			LOAN_CAN	LOAN_NO	4	integer	9
				LOAN_SEQ_NO	8	smallint	4
				ID_STU_SEQ_NO	9	smallint	4
			LOAN_DFR	LOAN_NO	5	integer	9
				LOAN_SEQ_NO	6	smallint	4
				ID_STU_SEQ_NO	7	smallint	4
			LOAN_DIS	LOAN_NO	4	integer	9
				LOAN_SEQ_NO	7	smallint	4
				ID_STU_SEQ_NO	8	smallint	4
			LOAN_GUA	LOAN_NO	4	integer	9
				ID_STU_SEQ_NO	8	smallint	4
				LOAN_SEQ_NO	9	smallint	4
			LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
				LOAN_SEQ_NO	4	smallint	4
				ID_STU_SEQ_NO	5	smallint	4
			LOAN_RFD	LOAN_NO	4	integer	9
				ID_STU_SEQ_NO	6	smallint	4
				LOAN_SEQ_NO	7	smallint	4
			LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
				ID_STU_SEQ_NO	5	smallint	4
				LOAN_SEQ_NO	6	smallint	4
			LOAN_STAT	LOAN_NO	5	integer	9
				ID_STU_SEQ_NO	7	smallint	4
LOAN_SEQ_NO				8	smallint	4	
		LOAN_SUPP	LOAN_NO	35	integer	9	
			ID_STU_SEQ_NO	36	smallint	4	
			LOAN_SEQ_NO	37	smallint	4	

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			ID_STU_SEQ_NO	4	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
SUPP_REINSUR_PMT	LOAN_NO	6	integer	9		
	LOAN_SEQ_NOO	10	smallint	4		
	ID_STU_SEQ_ID	11	smallint	4		
LOAN_GUA	GA_CODE ID_STU_SEQ_NO LOAN_SEQ_NO LOAN_NO SEQ_NO	COLL	LOAN_NO	5	integer	9
			GA_CODE	6	char	3
			GA_RESP_BEG_DT	7	date	8
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
			LOAN_GUA_SEQ_NO	12	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		GA	CODE	1	char	3
		GA_AGG	GA_CODE	5	char	3
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			GA_CODE	7	char	3
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
			LOAN_GUA_SEQ_NO	14	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		PRSCRN_RSLT_LOAN	CURR_GA_CODE	13	char	3
			LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		REINSUR_CL_PMT	LOAN_NO	7	integer	9		
			GA_CODE	8	char	3		
			GA_RESP_BEG_DT	9	date	8		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
			LOAN_GUA_SEQ_NO	13	smallint	4		
		REINSUR_CL_RFD	LOAN_NO	4	integer	9		
			GA_CODE	5	char	3		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	9	smallint	4		
			LOAN_GUA_SEQ_NO	10	smallint	4		
		RPCH_LOAN	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	5	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		SPA_PMT	LOAN_NO	3	integer	9		
			GA_CODE	4	char	3		
			GA_RESP_BEG_DT	5	date	8		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_ID	11	smallint	4		
		LOAN_MAT_DT_HIS	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9
					LOAN_SEQ_NO	10	smallint	4
ID_STU_SEQ_NO	11				smallint	4		
FDSL_P_SVR_BR_HOL	LOAN_NO			5	integer	9		
	ID_STU_SEQ_NO			6	smallint	4		
	LOAN_SEQ_NO			7	smallint	4		
INSUR_CL_PMT	LOAN_NO			5	integer	9		
	LOAN_SEQ_NO			10	smallint	4		
	ID_STU_SEQ_NO			12	smallint	4		
INSUR_CL_RFD	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			8	smallint	4		
	ID_STU_SEQ_NO			10	smallint	4		
IRS_OFF	LOAN_NO			6	integer	9		
	LOAN_SEQ_NO			11	smallint	4		
	ID_STU_SEQ_NO			12	smallint	4		
LEN_BR_HOL	LOAN_NO			5	integer	9		
	LOAN_SEQ_NO			11	smallint	4		
	ID_STU_SEQ_NO			12	smallint	4		
LEN_BR_HOL_SVR	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			7	smallint	4		
	ID_STU_SEQ_NO			9	smallint	4		
LOAN	NO			1	integer	9		
	SEQ_NO			32	smallint	4		
	ID_STU_SEQ_NO			38	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
REINSUR_CL_RFD	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	5	smallint	4		
RPCH_LOAN	LOAN_NO	5	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
	ID_STU_SEQ_NO	7	smallint	4		
SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
LOAN_RFD	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		LOAN_STAT	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		LOAN_STAT_AMT_HIS	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		LOAN_SUPP	LOAN_NO	35	integer	9		
			LOAN_SEQ_NO	36	smallint	4		
			ID_STU_SEQ_NO	37	smallint	4		
		LOAN_TYPE_ERR_HIS	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	5	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
			LOAN_SEQ_NO	4	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9		
			ID_STU_SEQ_NO	24	smallint	4		
			LOAN_SEQ_NO	25	smallint	4		
		REINSUR_CL_PMT	LOAN_NO	7	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		REINSUR_CL_RFD	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
		RPCH_LOAN	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	6	smallint	4		
			ID_STU_SEQ_NO	7	smallint	4		
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	5	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		SPA_PMT	LOAN_NO	3	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_ID	11	smallint	4		
		LOAN_RPMT_PLAN	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_NO	11	smallint	4
				FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
					ID_STU_SEQ_NO	6	smallint	4
					LOAN_SEQ_NO	7	smallint	4
				INSUR_CL_PMT	LOAN_NO	5	integer	9
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_NO	12	smallint	4
INSUR_CL_RFD	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			8	smallint	4		
	ID_STU_SEQ_NO			10	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		IRS_OFF	LOAN_NO	6	integer	9
			ID_STU_SEQ_NO	11	smallint	4
			LOAN_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	8	smallint	4
			LOAN_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			ID_STU_SEQ_NO	4	smallint	4
			LOAN_SEQ_NO	5	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	7	smallint	4
			LOAN_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			ID_STU_SEQ_NO	36	smallint	4
			LOAN_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		REINSUR_CL_RFD	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
LOAN_STAT	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		LOAN_GP	LOAN_NO	5	integer	9		
			ID_STU_SEQ_NO	6	smallint	4		
			LOAN_SEQ_NO	7	smallint	4		
			GP_LOAN_NO	8	integer	9		
			GP_ID_STU_SEQ_NO	9	smallint	4		
			GP_LOAN_SEQ_NO	10	smallint	4		
		LOAN_GUA	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	9	smallint	4		
				LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
LOAN_SEQ_NO	4				smallint	4		
ID_STU_SEQ_NO	5				smallint	4		
LOAN_RFD	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			6	smallint	4		
	ID_STU_SEQ_NO			7	smallint	4		
LOAN_RPMT_PLAN	LOAN_NO			4	integer	9		
	ID_STU_SEQ_NO			5	smallint	4		
	LOAN_SEQ_NO			6	smallint	4		
LOAN_SUPP	LOAN_NO			35	integer	9		
	LOAN_SEQ_NO			36	smallint	4		
	ID_STU_SEQ_NO			37	smallint	4		
PCA_SPA_NOTIF	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			5	smallint	4		
	ID_STU_SEQ_NO			6	smallint	4		
PLUS_BOR_LOAN	LOAN_NO			3	integer	9		
	LOAN_SEQ_NO			4	smallint	4		
	ID_STU_SEQ_NO			6	smallint	4		
PRSCRN_RSLT_LOAN	LOAN_NO			23	integer	9		
	ID_STU_SEQ_NO			24	smallint	4		
	LOAN_SEQ_NO			25	smallint	4		
REINSUR_CL_PMT	LOAN_NO			7	integer	9		
	LOAN_SEQ_NO			11	smallint	4		
	ID_STU_SEQ_NO			12	smallint	4		
REINSUR_CL_RFD	LOAN_NO			5	integer	9		
	LOAN_SEQ_NO			7	smallint	4		
	ID_STU_SEQ_NO			8	smallint	4		
RPCH_LOAN	LOAN_NO			5	integer	9		
	LOAN_SEQ_NO			6	smallint	4		
	ID_STU_SEQ_NO			7	smallint	4		
SCH_BR_HOL_SVR	LOAN_NO			4	integer	9		
	LOAN_SEQ_NO			5	smallint	4		
	ID_STU_SEQ_NO			6	smallint	4		
SPA_PMT	LOAN_NO			3	integer	9		
	LOAN_SEQ_NO			7	smallint	4		
	ID_STU_SEQ_NO			8	smallint	4		
SUPP_REINSUR_PMT	LOAN_NO			6	integer	9		
	LOAN_SEQ_NO			10	smallint	4		
	ID_STU_SEQ_ID			11	smallint	4		
LOAN_SUPP	ID_STU_SEQ_NO			COLL	LOAN_NO	5	integer	9
	LOAN_NO				LOAN_SEQ_NO	10	smallint	4
	LOAN_SEQ_NO				ID_STU_SEQ_NO	11	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		FDSLPL_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
ID_STU_SEQ_NO	5		smallint	4		
LOAN_SEQ_NO	6		smallint	4		
LOAN_STAT	LOAN_NO	5	integer	9		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
LOAN_TYPE	CODE	LOAN_TYPE_GP	CODE	1	char	10
	NEW_LOAN_TYPE	LOAN	LOAN_TYPE	39	char	2
		PRSCRN_RSLT_LOAN	LOAN_TYPE_CODE	12	char	2
LOAN_TYPE_GP	CODE	LOAN_TYPE	LOAN_TYPE_GP_CODE	5	char	10
NATL_AGG	DESC_DET_ID	AGG_DESC	ID	2	smallint	4
	DESC_ID	AGG_DESC_DET	DESC_ID	6	smallint	4
		AGG_DESC_ITEM	DESC_DET_ID	5	smallint	4
			DESC_ID	6	smallint	4
		AGG_DESCN	DESC_ID	6	smallint	4
AGG_PURP	DESC_ID	6	smallint	4		
PCA_SPA_NOTIF	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		REINSUR_CL_PMT	LOAN_NO	7	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		REINSUR_CL_RFD			LOAN_NO	4	integer	9
					LOAN_SEQ_NO	5	smallint	4
					ID_STU_SEQ_NO	6	smallint	4
		RPCH_LOAN			LOAN_NO	5	integer	9
					LOAN_SEQ_NO	6	smallint	4
					ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR			LOAN_NO	4	integer	9
					LOAN_SEQ_NO	5	smallint	4
					ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		SUPP_REINSUR_PMT			LOAN_NO	6	integer	9
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_ID	11	smallint	4
PEPS_SBMTL_RUN_ERR	ERR_CODE FLD_IN_ERR_CODE REC_TYPE_IND SCH_BR_CODE SCH_CODE	AID_OVRPMT	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		LOAN	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		ORG	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		PEPS_SBMTL_HIS	PEPS_CR_DT	1	date	8		
			SEQ_NO	2	smallint	4		
		PREF_SCH	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SCH_BR	SCH_CODE	3	char	6		
		SCH_BR_AGG	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SCH_BR_CODE_XREF	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SCH_ORIGN_HIS	SCH_CODE	3	char	6		
		SSCR_CYCLE	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SSCR_DELINQ_LTR	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SSCR_RTN_HIS	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SSCR_TRSMTL_HIS	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		SSCR_TRSMTL_INFO	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
SSCR_WAIV	SCH_CODE	3	char	6				
	SCH_BR_CODE	4	char	4				

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
		STU_BR	SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	4	
PELL_GRT	ATT_SCH_BR_CODE	AID_OVRPMT	STU_NO	1	integer	9	
	ATT_SCH_CODE		STU_SEQ_NO	2	smallint	4	
	AWARD_YEAR		SCH_CODE	3	char	4	
	RPT_SCH_BR_CODE		SCH_BR_CODE	4	char	2	
	RPT_SCH_CODE	EXP_STU_ENRL	STU_NO	1	integer	9	
	STU_NO		STU_SEQ_NO	2	smallint	4	
	STU_SEQ_NO	FINANC_PROF	STU_NO	1	integer	9	
	TYPE		STU_SEQ_NO	2	smallint	4	
			LOAN	NO	1	integer	9
				CURR_LEN_CODE	27	char	6
		ORIG_LEN_CODE		29	char	6	
		ORIG_LEN_BR_CODE		30	char	4	
		SEQ_NO		32	smallint	4	
		ID_STU_SEQ_NO		38	smallint	4	
		PELL_GRT	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			ATT_SCH_CODE	3	char	6	
			ATT_SCH_BR_CODE	4	char	4	
			RPT_SCH_CODE	7	char	6	
		RPT_SCH_BR_CODE	8	char	4		
		PREF_SCH	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			SCH_CODE	4	char	6	
			SCH_BR_CODE	5	char	2	
		PRSCRN_RSLT	APPL_CPS_AWARD_YR	5	char	9	
			STU_NO	50	integer	9	
			STU_SEQ_NO	51	smallint	4	
		PRSCRN_RSLT_PELL	STU_NO	15	integer	9	
			STU_SEQ_NO	16	smallint	4	
			PELL_GRT_AWARD_YR	20	char	4	
		SCH	CODE	1	char	6	
		SCH_BR	CODE	1	char	4	
			SCH_CODE	4	char	6	
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6	
			SCH_BR_CODE	3	char	4	
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	4	
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6	
			OLD_SCH_BR_CODE	3	char	2	
			NEW_SCH_CODE	4	char	6	
			NEW_SCH_BR_CODE	5	char	2	
		SCH_ORIGN_HIS	SCH_CODE	4	char	6	
		SSCR_CYCLE	SCH_CODE	1	char	6	
			SCH_BR_CODE	2	char	4	
		SSCR_RTN_HIS	SCH_CODE	1	char	6	
			SCH_BR_CODE	2	char	4	

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	4
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		STU_ADD	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
SCH_CODE	3		char	6		
SCH_BR_CODE	4		char	2		
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
SCH_CODE	3		char	6		
PLUS_BOR	NO SEQ_NO	PLUS_BOR_LOAN	PLUS_BOR_NO	2	integer	9
			PLUS_BOR_SEQ_NO	5	smallint	4
		PLUS_BOR_NM	PLUS_BOR_NO	5	integer	9
			PLUS_BOR_SEQ_NO	6	smallint	4
		PLUS_BOR_SSN	PLUS_BOR_NO	6	integer	9
			PLUS_BOR_SEQ_NO	8	smallint	4
PRSCRN_RSLT	PLUS_BOR_NO	52	integer	9		
	PLUS_BOR_SEQ_NO	53	smallint	4		
PLUS_BOR_LOAN	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO PLUS_BOR_NO PLUS_BOR_SEQ_NO	COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FDSLPL_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
IRS_OFF	LOAN_NO	6	integer	9		
	LOAN_SEQ_NO	11	smallint	4		
	ID_STU_SEQ_NO	12	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
		GP_LOAN_SEQ_NO	10	smallint	4	
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
PLUS_BOR	PLUS_BOR_NO	2	integer	9		
	SEQ_NO	9	smallint	4		
PLUS_BOR_NM	PLUS_BOR_NO	5	integer	9		
	PLUS_BOR_SEQ_NO	6	smallint	4		
PLUS_BOR_SSN	PLUS_BOR_NO	6	integer	9		
	PLUS_BOR_SEQ_NO	8	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		PRSCRN_RSLT	APPL_CPS_AWARD_YR	5	char	9
			STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
PLUS_BOR_NM	PLUS_BOR_NO PLUS_BOR_SEQ_NO	PLUS_BOR	NO	1	int	9
			SEQ_NO	9	smallint	4
		PLUS_BOR_LOAN	PLUS_BOR_NO	2	integer	9
			PLUS_BOR_SEQ_NO	5	smallint	4
		PLUS_BOR_SSN	PLUS_BOR_NO	6	integer	9
			PLUS_BOR_SEQ_NO	8	smallint	4
PRSCRN_RSLT	PLUS_BOR_NO	52	integer	9		
	PLUS_BOR_SEQ_NO	53	smallint	4		
PLUS_BOR_SSN	NO PLUS_BOR_NO	PLUS_BOR	NO	1	integer	9
			SEQ_NO	9	smallint	4
		PLUS_BOR_LOAN	PLUS_BOR_NO	3	integer	9
			PLUS_BOR_SEQ_NO	5	smallint	4
		PLUS_BOR_NM	PLUS_BOR_NO	5	integer	9
			PLUS_BOR_SEQ_NO	6	smallint	4
PRSCRN_RSLT	PLUS_BOR_NO	52	integer	9		
	PLUS_BOR_SEQ_NO	53	smallint	4		
PREF_SCH	SCH_BR_CODE SCH_CODE STU_DEM_CALNDR_YR STU_NO STU_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			STU_DEM_CALNDR_YR	3	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
STU_DEM_CALNDR_YR	3		smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	4
			STU_NO	36	integer	9
			STU_SEQ_NO	37	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PRSCRN_RSLT	STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	integer	9
			STU_SEQ_NO	16	smallint	4
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	4	char	6
				SCH_BR_AGG	SCH_CODE	7
SCH_BR_CODE	8				char	4
SCH_BR_CODE_XREF	SCH_CODE			2	char	6
	SCH_BR_CODE			3	char	4
SCH_BR_STAT_HIS	SCH_CODE			3	char	6
	SCH_BR_CODE			4	char	4
SCH_BR_TRAN_HIS	OLD_SCH_CODE			2	char	6
	OLD_SCH_BR_CODE			3	char	2
	NEW_SCH_CODE			4	char	6
	NEW_SCH_BR_CODE			5	char	2
SCH_ORIGN_HIS	SCH_CODE			4	char	6
SSCR_CYCLE	SCH_CODE			1	char	6
	SCH_BR_CODE			2	char	4
SSCR_RTN_HIS	SCH_CODE			1	char	6
	SCH_BR_CODE			2	char	4
SSCR_TRSMTL_DET	STU_NO			1	integer	9
	STU_SEQ_NO			2	smallint	4
	SCH_CODE			3	char	6
	SCH_BR_CODE			4	char	4
SSCR_TRSMTL_HIS	SCH_CODE			1	char	6
	SCH_BR_CODE			2	char	4
STU	NO			1	integer	9
	SEQ_NO			13	smallint	4
STU_ADD	STU_NO			1	integer	9
	STU_SEQ_NO			2	smallint	4
STU_BR	STU_NO			1	integer	9
	STU_SEQ_NO			2	smallint	4
	SCH_CODE			4	char	6
	SCH_BR_CODE			5	char	4
STU_DEM	STU_NO			1	integer	9
	STU_SEQ_NO	2	smallint	4		
	CALNDR_YR	3	smallint	4		
STU_NM	STU_NO	5	integer	9		
	STU_SEQ_NO	6	smallint	4		

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		STU_SSN	STU_NO	6	integer	9		
			STU_SEQ_NO	8	smallint	4		
		STU_STAT	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
			SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		STU_STAT_UNRESLV	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
			SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	4		
		PRSCRN_APPL	CURR_SSN FST_NM LST_NM CPS_DOB CPS_AWARD_YR	PRSCRN_RSLT	APPL_CURR_SSN	1	char	9
					APPL_FST_NM	2	char	9
APPL_LST_NM	3				char	16		
APPL_CPS_DOB	4				char	8		
APPL_CPS_AWARD_YR	5				char	9		
		PRSCRN_RSLT_LOAN	APPL_CURR_SSN	1	char	9		
			APPL_FST_NM	2	char	9		
			APPL_LST_NM	3	char	16		
			APPL_CPS_DOB	4	char	8		
			APPL_CPS_AWARD_YR	5	char	9		
		PRSCRN_RSLT_PELL	APPL_CURR_SSN	1	char	9		
			APPL_FST_NM	2	char	9		
			APPL_LST_NM	3	char	16		
			APPL_CPS_DOB	4	char	8		
			APPL_CPS_AWARD_YR	5	char	9		
PRSCRN_RSLT	APPL_CPS_AWARD_YR APPL_CPS_DOB APPL_CURR_SSN APPL_FST_NM APPL_LST_NM SEQ_NO STU_SEQ_NO PLUS_BOR_NO PLUS_BOR_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		EXP_STU_ENRL	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		FINANC_PROF	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		LOAN	STU_NO	36	integer	9		
			STU_SEQ_NO	37	smallint	4		
		PELL_GRT	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		PREF_SCH	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		PLUS_BOR	NO	1	integer	9		
			SEQ_NO	9	smallint	4		
		PLUS_BOR_LOAN	PLUS_BOR_NO	3	integer	9		
			PLUS_BOR_SEQ_NO	6	smallint	4		
		PLUS_BOR_NM	PLUS_BOR_NO	5	integer	9		
			PLUS_BOR_SEQ_NO	6	smallint	4		
		PLUS_BOR_SSN	PLUS_BOR_NO	6	integer	9		
			PLUS_BOR_SEQ_NO	8	smallint	4		
PREF_SCH	STU_NO	1	integer	9				
	STU_SEQ_NO	2	smallint	4				

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		PRSCRN_APPL	CURR_SSN	1	char	9
			FST_NM	2	char	9
			LST_NM	3	char	16
			CPS_DOB	4	char	8
			CPS_AWARD_YR	5	char	9
		PRSCRN_RSLT_LOAN	APPL_CURR_SSN	1	char	9
			APPL_FST_NM	2	char	9
			APPL_LST_NM	3	char	16
			APPL_CPS_DOB	4	char	8
			APPL_CPS_AWARD_YR	5	char	9
			RSLT_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_PELL	APPL_CURR_SSN	1	char	9
			APPL_FST_NM	2	char	9
			APPL_LST_NM	3	char	16
			APPL_CPS_DOB	4	char	8
			APPL_CPS_AWARD_YR	5	char	9
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		STU_ADD	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
PRSCRN_RSLT_LOAN	APPL_CPS_DOB APPL_CPS_AWARD_YR APPL_FST_NM APPL_CURR_SSN APPL_LST_NM RSLT_SEQ_NO	COLL	LOAN_NO	5	integer	9
			GA_CODE	6	char	3
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		DIR_INCM_CONTG_HIS	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		FDSLPL_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		GA	CODE	1	char	3
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
LOAN_SEQ_NO	8		smallint	4		
ID_STU_SEQ_NO	10		smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			CURR_GA_CODE	36	char	3
			ID_STU_SEQ_NO	38	smallint	4
			LOAN_TYPE	39	char	2
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
LOAN_SEQ_NO	7		smallint	4		
ID_STU_SEQ_NO	8		smallint	4		
LOAN_GP	LOAN_NO	5	integer	9		
	ID_STU_SEQ_NO	6	smallint	4		
	LOAN_SEQ_NO	7	smallint	4		
	GP_LOAN_NO	8	integer	9		
	GP_ID_STU_SEQ_NO	9	smallint	4		
	GP_LOAN_SEQ_NO	10	smallint	4		
LOAN_GUA	LOAN_NO	4	integer	9		
	ID_STU_SEQ_NO	8	smallint	4		
	LOAN_SEQ_NO	9	smallint	4		
	GA_CODE	5	char	3		
LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	5	smallint	4		
LOAN_RFD	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
	ID_STU_SEQ_NO	7	smallint	4		
LOAN_RPMT_PLAN	LOAN_NO	4	integer	9		
	ID_STU_SEQ_NO	5	smallint	4		
	LOAN_SEQ_NO	6	smallint	4		
LOAN_STAT	LOAN_NO	5	integer	9		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		
LOAN_SUPP	LOAN_NO	35	integer	9		
	LOAN_SEQ_NO	36	smallint	4		
	ID_STU_SEQ_NO	37	smallint	4		
LOAN_TYPE	CODE	1	char	2		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			ID_STU_SEQ_NO	4	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		PRSCRN_RSLT	APPL_CURR_SSN	1	char	9
			APPL_FST_NM	2	char	9
			APPL_LST_NM	3	char	16
			APPL_CPS_DOB	4	char	8
			APPL_CPS_AWARD_YR	5	char	9
			SEQ_NO	6	smallint	4
		PRSCRN_APPL	CURR_SSN	1	char	9
			FST_NM	2	char	9
			LST_NM	3	char	16
			CPS_DOB	4	char	8
			CPS_AWARD_YR	5	char	9
		PRSCRN_RSLT_PELL	APPL_CURR_SSN	1	char	9
			APPL_FST_NM	2	char	9
			APPL_LST_NM	3	char	16
			APPL_CPS_DOB	4	char	8
			APPL_CPS_AWARD_YR	5	char	9
			RSLT_SEQ_NO	6	smallint	4
		REINSUR_CL_PMT	REINSUR_CL_PMT	LOAN_NO	7	integer
GA_CODE	8			char	3	
LOAN_SEQ_NO	11			smallint	4	
ID_STU_SEQ_NO	12			smallint	4	
REINSUR_CL_RFD	LOAN_NO		23	integer	9	
	ID_STU_SEQ_NO		24	smallint	4	
	LOAN_SEQ_NO		25	smallint	4	
	GA_CODE		5	char	3	
RPCH_LOAN	LOAN_NO		5	integer	9	
	LOAN_SEQ_NO		6	smallint	4	
	ID_STU_SEQ_NO		7	smallint	4	
RT	LOAN_TYPE_CODE		12	char	4	
RT_CATG	LOAN_TYPE_CODE	12	char	4		
SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
SPA_PMT	LOAN_NO	3	integer	9		
	GA_CODE	4	char	3		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		
STU_BR_ERR_HIS	LOAN_NO	23	integer	9		
	ID_STU_SEQ_NO	24	smallint	4		
	LOAN_SEQ_NO	25	smallint	4		
SUPP_REINSUR_PMT	LOAN_NO	6	integer	9		
	GA_CODE	7	char	3		
	LOAN_SEQ_NO	10	smallint	4		
	ID_STU_SEQ_NO	11	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
PRSCRN_RSLT_PELL	APPL_CPS_AWARD_YR APPL_CPS_DOB APPL_CURR_SSN APPL_FST_NM APPL_LST_NM RSLT_SEQ_NO SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
			STU_NO	36	integer	9
			STU_SEQ_NO	37	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PRSCRN_APPL	CURR_SSN	1	char	9
			FST_NM	2	char	9
			LST_NM	3	char	16
			CPS_DOB	4	char	8
CPS_AWARD_YR	5		char	9		
		PRSCRN_RSLT	APPL_CURR_SSN	1	char	9
			APPL_FST_NM	2	char	9
			APPL_LST_NM	3	char	16
			APPL_CPS_DOB	4	char	8
			APPL_CPS_AWARD_YR	5	char	9
			SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	APPL_CURR_SSN	1	char	9
			APPL_FST_NM	2	char	9
			APPL_LST_NM	3	char	16
			APPL_CPS_DOB	4	char	8
			APPL_CPS_AWARD_YR	5	char	9
			RSLT_SEQ_NO	6	smallint	4
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	4
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	4
		SSCR_RTN_HIS	SCH_CODE	1	char	6
SCH_BR_CODE	2		char	4		
SSCR_TRSMTL_DET	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	4		
SSCR_TRSMTL_HIS	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	4		
STU	NO	1	integer	9		
	SEQ_NO	13	smallint	4		

Table Relationships							
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length	
		STU_ADD	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
		STU_BR	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	2	
		STU_DEM	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
		STU_NM	STU_NO	5	integer	9	
			STU_SEQ_NO	6	smallint	4	
		STU_SSN	STU_NO	6	integer	9	
			STU_SEQ_NO	8	smallint	4	
		STU_STAT	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
			SCH_CODE	3	char	6	
			SCH_BR_CODE	4	char	2	
		STU_STAT_UNRESLV	STU_NO	1	integer	9	
			STU_SEQ_NO	2	smallint	4	
SCH_CODE	3		char	6			
SCH_BR_CODE	4		char	2			
REG_AGG	DESC_DET_ID	AGG_DESC	ID	2	smallint	4	
		AGG_DESC_DET	DESC_ID	7	smallint	4	
		AGG_DESC_ITEM	DESC_DET_ID	6	smallint	4	
		DESC_ID	DESC_ID	7	smallint	4	
		ED_REG_CODE	AGG_DESC_ITEM	DESC_DET_ID	6	smallint	4
		RPT_BEG_DT	DESC_ID	7	smallint	4	
RPT_END_DT	AGG_DESCN	DESC_ID	7	smallint	4		
	AGG_PURP	DESC_ID	7	smallint	4		
REINSUR_CL_PMT	CODE	COLL	LOAN_NO	5	integer	9	
			GA_CODE	6	char	3	
			GA_RESP_BEG_DT	7	date	8	
			ID_STU_SEQ_NO	10	smallint	4	
			LOAN_GUA_SEQ_NO	11	smallint	4	
			LOAN_NO	12	smallint	4	
		FDSLPR_SVR_BR_HOL	LOAN_NO	5	integer	9	
			ID_STU_SEQ_NO	6	smallint	4	
			LOAN_SEQ_NO	7	smallint	4	
		GA	CODE	1	char	3	
			GA_CODE	5	char	3	
		INSUR_CL_PMT	LOAN_NO	5	integer	9	
			LOAN_SEQ_NO	10	smallint	4	
			ID_STU_SEQ_NO	12	smallint	4	
		INSUR_CL_RFD	LOAN_NO	4	integer	9	
			LOAN_SEQ_NO	8	smallint	4	
			ID_STU_SEQ_NO	10	smallint	4	
		IRS_OFF	LOAN_NO	6	integer	9	
			GA_CODE	7	char	3	
			GA_RESP_BEG_DT	8	date	8	
LOAN_SEQ_NO	11		smallint	4			
ID_STU_SEQ_NO	12		smallint	4			
LOAN_GUA_SEQ_NO	14		smallint	4			

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			CURR_GA_CODE	26	char	3
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
LOAN_SEQ_NO	7		smallint	4		
GP_LOAN_NO	8		integer	9		
GP_ID_STU_SEQ_NO	9		smallint	4		
GP_LOAN_SEQ_NO	10		smallint	4		
LOAN_GUA	RESP_BEG_DT	1	date	8		
	LOAN_NO	4	integer	9		
	GA_CODE	5	char	3		
	LOAN_SEQ_NO	8	smallint	4		
	ID_STU_SEQ_NO	9	smallint	4		
LOAN_MAT_DT_HIS	SEQ_NO	10	smallint	4		
	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
LOAN_RFD	ID_STU_SEQ_NO	5	smallint	4		
	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
LOAN_RPMT_PLAN	ID_STU_SEQ_NO	7	smallint	4		
	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
LOAN_STAT	ID_STU_SEQ_NO	5	smallint	4		
	LOAN_NO	5	integer	9		
	LOAN_SEQ_NO	7	smallint	4		
LOAN_SUPP	ID_STU_SEQ_NO	8	smallint	4		
	LOAN_NO	35	integer	9		
	LOAN_SEQ_NO	36	smallint	4		
PCA_SPA_NOTIF	ID_STU_SEQ_NO	37	smallint	4		
	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
			LOAN_SEQ_NO	4	smallint	4		
			ID_STU_SEQ_NO	6	smallint	4		
		PRSCRN_RSLT_LOAN			CURR_GA_CODE	13	char	3
					LOAN_NO	23	integer	9
					ID_STU_SEQ_NO	24	smallint	4
					LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_RFD			LOAN_NO	7	integer	9
					GA_CODE	8	char	3
					GA_RESP_BEG_DT	9	date	8
					LOAN_SEQ_NO	11	smallint	4
					ID_STU_SEQ_NO	12	smallint	4
		RPCH_LOAN			LOAN_NO	5	integer	9
					LOAN_SEQ_NO	6	smallint	4
					ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR			LOAN_NO	4	integer	9
					LOAN_SEQ_NO	5	smallint	4
					ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9		
			GA_CODE	4	char	3		
			GA_RESP_BEG_DT	5	date	8		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	8	smallint	4		
		SUPP_REINSUR_PMT			LOAN_GUA_SEQ_NO	9	smallint	4
					LOAN_NO	7	integer	9
					GA_CODE	8	char	3
					GA_RESP_BEG_DT	9	date	8
					LOAN_SEQ_NO	10	smallint	4
REINSUR_CL_RFD	GA_CODE GA_RESP_BEG_DT ID_STU_SEQ_NO LOAN_GUA_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9		
			GA_CODE	6	char	3		
			GA_RESP_BEG_DT	7	date	8		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	11	smallint	4		
			LOAN_GUA_SEQ_NO	12	smallint	4		
		FDSL_P_SVR_BR_HOL			LOAN_NO	5	integer	9
					ID_STU_SEQ_NO	6	smallint	4
					LOAN_SEQ_NO	7	smallint	4
		GA	CODE	1	char	3		
		GA_AGG	GA_CODE	5	char	3		
		INSUR_CL_PMT			LOAN_NO	5	integer	9
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_NO	12	smallint	4
INSUR_CL_RFD			LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	10	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		IRS_OFF	LOAN_NO	6	integer	9
			GA_CODE	7	char	3
			GA_RESP_BEG_DT	8	date	8
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
			LOAN_GUA_SEQ_NO	14	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			CURR_GA_CODE	26	char	3
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
ID_STU_SEQ_NO	7		smallint	4		
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	RESP_BEG_DT	1	date	8
			LOAN_NO	4	integer	9
			GA_CODE	5	char	3
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	SEQ_NO	10	smallint	4
			LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
		LOAN_RFD	ID_STU_SEQ_NO	5	smallint	4
			LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
		LOAN_RPMT_PLAN	ID_STU_SEQ_NO	7	smallint	4
			LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	ID_STU_SEQ_NO	5	smallint	4
			LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
					ID_STU_SEQ_NO	8

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		LOAN_SUPP	LOAN_NO	35	integer	9		
			LOAN_SEQ_NO	36	smallint	4		
			ID_STU_SEQ_NO	37	smallint	4		
		PCA_SPA_NOTIF			LOAN_NO	4	integer	9
					LOAN_SEQ_NO	5	smallint	4
					ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN			LOAN_NO	3	integer	9
					LOAN_SEQ_NO	4	smallint	4
					ID_STU_SEQ_NO	6	smallint	4
		REINSUR_CL_PMT			LOAN_NO	7	integer	9
					GA_CODE	8	char	3
					GA_RESP_BEG_DT	9	date	8
					LOAN_SEQ_NO	11	smallint	4
					ID_STU_SEQ_NO	12	smallint	4
		RPCH_LOAN			LOAN_NO	5	integer	9
					LOAN_SEQ_NO	6	smallint	4
					ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR			LOAN_NO	4	integer	9
					LOAN_SEQ_NO	5	smallint	4
					ID_STU_SEQ_NO	6	smallint	4
				SPA_PMT	LOAN_NO	3	integer	9
GA_CODE	4				char	3		
GA_RESP_BEG_DT	5				date	8		
LOAN_SEQ_NO	7				smallint	4		
ID_STU_SEQ_NO	8				smallint	4		
SUPP_REINSUR_PMT					LOAN_NO	6	integer	9
					GA_CODE	7	char	3
					GA_RESP_BEG_DT	8	date	8
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_NO	11	smallint	4
RPCH_LOAN	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	11	smallint	4		
		FDSLP_SVR_BR_HOL			LOAN_NO	5	integer	9
					ID_STU_SEQ_NO	6	smallint	4
					LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT			LOAN_NO	5	integer	9
					LOAN_SEQ_NO	10	smallint	4
					ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD			LOAN_NO	4	integer	9
					LOAN_SEQ_NO	8	smallint	4
					ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF			LOAN_NO	6	integer	9
					LOAN_SEQ_NO	11	smallint	4
					ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL			LOAN_NO	5	integer	9
					LOAN_SEQ_NO	11	smallint	4
					ID_STU_SEQ_NO	12	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LEN_LST_RST_HIS	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
GP_LOAN_NO	8		integer	9		
GP_ID_STU_SEQ_NO	9		smallint	4		
GP_LOAN_SEQ_NO	10		smallint	4		
LOAN_GUA	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	8	smallint	4		
	ID_STU_SEQ_NO	9	smallint	4		
LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	5	smallint	4		
LOAN_RFD	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
	ID_STU_SEQ_NO	7	smallint	4		
LOAN_RPMT_PLAN	LOAN_NO	4	integer	9		
	ID_STU_SEQ_NO	5	smallint	4		
	LOAN_SEQ_NO	6	smallint	4		
LOAN_STAT	LOAN_NO	5	integer	9		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		
LOAN_SUPP	LOAN_NO	35	integer	9		
	LOAN_SEQ_NO	36	smallint	4		
	ID_STU_SEQ_NO	37	smallint	4		
PCA_SPA_NOTIF	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9		
	ID_STU_SEQ_NO	24	smallint	4		
	LOAN_SEQ_NO	25	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		SPA_PMT	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
SCH	CODE	AID_OVRPMT	SCH_CODE	3	char	6
		LOAN	SCH_CODE	34	char	6
		PELL_GRT	ATT_SCH_CODE	3	char	6
			RPT_SCH_CODE	7	char	6
		PREF_SCH	SCH_CODE	4	char	6
		SCH_BR	SCH_CODE	8	char	6
		SCH_BR_AGG	SCH_CODE	7	char	6
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
		SSCR_RTN_HIS	SCH_CODE	1	char	6
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
		SSCR_TRSNTL_HIS	SCH_CODE	4	char	6
		STU_BR	SCH_CODE	3	char	6
		STU_STAT	SCH_CODE	3	char	6
		STU_STAT_UNRESLV	SCH_CODE	3	char	6
SCH_BR	CODE SCH_CODE ST	AID_OVRPMT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		LOAN	SCH_CODE	8	char	6
			SCH_BR_CODE	35	char	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		SCH	CODE	1	char	6
		SCH_BR_AGG	SCH_CODE	7	char	6
			SCH_BR_CODE	8	char	2
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
SCH_BR_CODE	4		char	2		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SCH_ORIGN_HIS	SCH_CODE	1	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		STU_BR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT	SCH_CODE	3	char	6
SCH_BR_CODE	4		char	2		
STU_STAT_UNRESLV	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
SCH_BR_AGG	DESC_DET_ID	AGG_DESC	ID	2	smallint	2
	DESC_ID	AGG_DESC_DET	DESC_ID	6	smallint	2
	SCH_BR_CODE	AGG_DESC_ITEM	DESC_DET_ID	5	smallint	2
		DESC_ID	DESC_ID	6	smallint	2
	SCH_CODE	AGG_DESCN	DESC_ID	6	smallint	2
		AGG_PURP	DESC_ID	6	smallint	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_BR	CODE	1	char	2
			SCH_CODE	7	char	7
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
NEW_SCH_BR_CODE	5		char	4		
SCH_ORIGN_HIS	SCH_CODE	4	char	6		
SCH_BR_CODE_XREF	SCH_CODE SCH_BR_CODE	AID_OVRPMT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
		PELL_GRT	ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
SCH	CODE	1	char	6		
SCH_BR	SCH_CODE	2	char	6		
SCH_BR_AGG	SCH_CODE	7	char	6		
	SCH_BR_CODE	8	char	2		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		STU_BR	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
NEW_SCH_BR_CODE	5		char	4		
STU_STAT	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
STU_STAT_UNRESLV	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
SCH_BR_HOL_SVR	ID_STU_SEQ_NO LOAN_NO LOAN_SEQ_NO SVR_CODE	COLL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN	NO	1	integer	9
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	5	smallint	4
		LOAN_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PRSCRN_RSLT_LOAN	LOAN_NO	23	integer	9
			ID_STU_SEQ_NO	24	smallint	4
			LOAN_SEQ_NO	25	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
SPA_PMT	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		
STU_BR_ERR_HIS	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_ID	11	smallint	4
SCH_BR_STAT_HIS	SCH_BR_CODE SCH_CODE	AID_OVRPMT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
		PELL_GRT	ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	3	char	6
SCH_BR_AGG	SCH_CODE	7	char	6		
	SCH_BR_CODE	8	char	2		
SCH_BR_CODE_XREF	SCH_CODE	2	char	6		
	SCH_BR_CODE	3	char	2		
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		STU_BR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT	SCH_CODE	3	char	6
SCH_BR_CODE	4		char	2		
STU_STAT_UNRESLV	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
SCH_BR_SVR	CODE	SCH_BR_HOL_SVR	SVR_CODE	3	char	6
		SCH_BR_SVR_AGG	SVR_CODE	5	char	6
SCH_BR_SVR_AGG	DESC_DET_ID DESC_ID RPT_BEG_DT RPT_END_DT SVR_CODE	AGG_DESC	ID	2	smallint	4
		AGG_DESC_DET	DESC_ID	7	smallint	4
		AGG_DESC_ITEM	DESC_DET_ID	6	smallint	4
			DESC_ID	7	smallint	4
		AGG_DESCN	DESC_ID	7	smallint	4
		AGG_PURP	DESC_ID	7	smallint	4
		SCH_BR_HOL_SVR	SVR_CODE	3	char	6

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
SCH_BR_TRAN_HIS	NEW_SCH_BR_CODE NEW_SCH_CODE OLD_SCH_BR_CODE OLD_SCH_CODE	SCH_BR_SVR_AGG	SVR_CODE	5	char	6
		AID_OVRPMT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	4
		PELL_GRT	ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PREF_SCH	SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	4
		SCH	CODE	1	char	6
		SCH_BR	CODE	1	char	6
			SCH_CODE	8	char	6
		SCH_BR_AGG	SCH_CODE	7	char	6
			SCH_BR_CODE	8	char	4
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	4
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
SCH_ORIGN_HIS	SCH_CODE	4	char	6		
SSCR_CYCLE	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	4		
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	4
		STU_BR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		STU_STAT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
		STU_STAT_UNRESLV	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	4
SCH_ORIGN_HIS	FDSLSP_SVR_BR_CODE FDSLSP_SVR_CODE SCH_CODE	AID_OVRPMT	SCH_CODE	3	char	6
		FDSLSP_SVR	CODE	1	char	3
		FDSLSP_SVR_BR_HOL	FDSLSP_SVR_CODE	3	char	3
			FDSLSP_SVR_BR_CODE	4	char	2
		LOAN	SCH_CODE	34	char	6
		PELL_GRT	ATT_SCH_CODE	3	char	6
			RPT_SCH_CODE	7	char	6
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	SCH_CODE	4	char	6
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	8	char	6
		SCH_BR_AGG	SCH_CODE	7	char	6
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6		
	NEW_SCH_CODE	4	char	6		

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		SCH_ORIGN_HIS	SCH_CODE	4	char	6		
			FDSLSP_SVR_CODE	5	char	3		
			FDSLSP_SVR_BR_CODE	6	char	2		
				SSCR_CYCLE	SCH_CODE	1	char	6
				SSCR_DELIQ_LTR	SCH_CODE	4	char	6
				SSCR_RTN_HIS	SCH_CODE	1	char	6
				SSCR_TRSMTL_DET	SCH_CODE	3	char	6
				SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
				STU_BR	SCH_CODE	3	char	6
				STU_STAT	SCH_CODE	3	char	6
		STU_STAT_UNRESLV	SCH_CODE	3	char	6		
SCH_SBMTL_HIS	CODE	GA_SBMTL_HIS	NOTIF_HIS_ID	12	integer	9		
	SCHED_DT	SCH_SBMTL_RUN_ERR	CODE	1	integer	4		
			SCH_DT	SCH_DT	5	date	10	
SSCR_SBMTL_RUN_ERR	SBMTL_HIS_CODE	SCH_SBMTL_HIS	CODE	1	integer	4		
			SCH_DT	5	date	10		
	STU_SSN	STU	SSN	2	integer	9		
			CURR_FST	4	char	12		
			DOB	7	date	10		
	STU_SSN	STU_SSN	NO	1	integer	9		
			STU_DOB	7	date	8		
SPA_PMT	GA_CODE GA_RESP_BEG_DT ID_STU_SEQ_NO LOAN_GUA_SEQ_NO LOAN_NO LOAN_SEQ_NO	COLL	LOAN_NO	5	integer	9		
			GA_CODE	6	char	3		
			GA_RESP_BEG_DT	7	date	8		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	11	smallint	4		
			LOAN_GUA_SEQ_NO	12	smallint	4		
		FDSLSP_SVR_BR_HOL	LOAN_NO	5	integer	9		
			ID_STU_SEQ_NO	6	smallint	4		
			LOAN_SEQ_NO	7	smallint	4		
		GA	CODE	1	char	3		
			GA_CODE	5	char	3		
		INSUR_CL_PMT	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	10	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		INSUR_CL_RFD	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	8	smallint	4		
			ID_STU_SEQ_NO	10	smallint	4		
		IRS_OFF	LOAN_NO	6	integer	9		
			GA_CODE	7	char	3		
			GA_RESP_BEG_DT	8	date	8		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
			LOAN_GUA_SEQ_NO	14	smallint	4		
		LEN_BR_HOL	LOAN_NO	5	integer	9		
			LOAN_SEQ_NO	11	smallint	4		
			ID_STU_SEQ_NO	12	smallint	4		
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9		
			LOAN_SEQ_NO	7	smallint	4		
			ID_STU_SEQ_NO	9	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN	NO	1	integer	9
			CURR_GA_CODE	26	char	3
			SEQ_NO	32	smallint	4
			ID_STU_SEQ_NO	38	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
			GP_LOAN_NO	8	integer	9
			GP_ID_STU_SEQ_NO	9	smallint	4
			GP_LOAN_SEQ_NO	10	smallint	4
LOAN_GUA	RESP_BEG_DT	1	date	8		
	LOAN_NO	4	integer	9		
	GA_CODE	5	char	3		
	LOAN_SEQ_NO	8	smallint	4		
	ID_STU_SEQ_NO	9	smallint	4		
	SEQ_NO	10	smallint	4		
LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	5	smallint	4		
LOAN_RFD	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
	ID_STU_SEQ_NO	7	smallint	4		
LOAN_RPMT_PLAN	LOAN_NO	4	integer	9		
	ID_STU_SEQ_NO	5	smallint	4		
	LOAN_SEQ_NO	6	smallint	4		
LOAN_STAT	LOAN_NO	5	integer	9		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		
LOAN_SUPP	LOAN_NO	35	integer	9		
	LOAN_SEQ_NO	36	smallint	4		
	ID_STU_SEQ_NO	37	smallint	4		
PCA_SPA_NOTIF	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PLUS_BOR_LOAN	LOAN_NO	3	integer	9		
	LOAN_SEQ_NO	4	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
PRSCRN_RSLT_LOAN	CURR_GA_CODE	13	char	3		
	LOAN_NO	23	integer	9		
	ID_STU_SEQ_NO	24	smallint	4		
	LOAN_SEQ_NO	25	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			GA_CODE	8	char	3
			GA_RESP_BEG_DT	9	date	8
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
			LOAN_GUA_SEQ_NO	13	smallint	4
		REINSUR_CL_RFD	LOAN_NO	3	integer	9
			GA_CODE	4	char	3
			GA_RESP_BEG_DT	5	date	8
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
			LOAN_GUA_SEQ_NO	9	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		SCH_BR_HOL_SVR	LOAN_NO	4	integer	9
LOAN_SEQ_NO	5		smallint	4		
ID_STU_SEQ_NO	6		smallint	4		
		SUPP_REINSUR_PMT	LOAN_NO	6	integer	9
			GA_CODE	7	char	3
			GA_RESP_BEG_DT	8	date	8
			LOAN_SEQ_NO	10	smallint	4
			LOAN_GUA_SEQ_NO	13	smallint	4
SSCR_CYCLE	CYCLE_NO SCH_BR_CODE SCH_BR_CODE	AID_OVRPMT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		DEG_TYPE_CNTL_HIS	SCH_CODE	1	char	6
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
		ORG	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		PELL_GRT	ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	1	char	6
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
SCH_BR_STAT_HIS	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6		
	OLD_SCH_BR_CODE	3	char	4		
	NEW_SCH_CODE	4	char	6		
	NEW_SCH_BR_CODE	5	char	4		
SCH_ORIGN_HIS	SCH_CODE	4	char	6		
SSCR_DELIHQ_LTR	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	2		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_TRSMTL_INFO	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_WAIV	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		STU_BR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
STU_STAT_UNRESLV	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
SSCR_RTN_HIS	SCH_BR_CODE SCH_CODE SSCR_TRSMTL_TSTAMP	AID_OVRPMT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
			SCH_CODE	1	char	6
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
		PELL_GRT	ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	1	char	6
			CODE	1	char	2
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
			SSCR_TRSMTL_TSTAMP	5	timestamp	10
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		STU_BR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2

Table Relationships								
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length		
		STU_STAT	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	2		
		STU_STAT_UNRESLV	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	2		
SSCR_TRSMTL_DET	SCH_BR_CODE SCH_CODE SSCR_TRSMTL_TSTAMP STU_NO STU_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
			SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	2		
		EXP_STU_ENRL	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		FINANC_PROF	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		LOAN	SCH_CODE	34	char	6		
			SCH_BR_CODE	35	char	2		
			STU_NO	36	integer	9		
			STU_SEQ_NO	37	smallint	4		
		PELL_GRT	STU_NO	1	integer	9		
			STU_SEQ_NO	2	smallint	4		
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6		
			SCH_BR_CODE	4	char	2		
				PREF_SCH	STU_NO	1	integer	9
					STU_SEQ_NO	2	smallint	4
					SCH_CODE	4	char	6
					SCH_BR_CODE	5	char	2
PRSCRN_RSLT	STU_NO			50	integer	9		
	STU_SEQ_NO			51	smallint	4		
PRSCRN_RSLT_PELL	STU_NO			15	integer	9		
	STU_SEQ_NO			16	smallint	4		
SCH	CODE			1	char	6		
SCH_BR	SCH_CODE			3	char	6		
	CODE			1	char	2		
SCH_BR_AGG	SCH_CODE			7	char	6		
	SCH_BR_CODE			8	char	2		
SCH_BR_CODE_XREF	SCH_CODE			2	char	6		
	SCH_BR_CODE			3	char	2		
SCH_BR_STAT_HIS	SCH_CODE			3	char	6		
	SCH_BR_CODE			4	char	2		
SCH_BR_TRAN_HIS	OLD_SCH_CODE			2	char	6		
	OLD_SCH_BR_CODE			3	char	4		
	NEW_SCH_CODE			4	char	6		
	NEW_SCH_BR_CODE			5	char	4		
SCH_ORIGN_HIS	SCH_CODE			4	char	6		
SSCR_CYCLE	SCH_CODE			1	char	6		
	SCH_BR_CODE			2	char	2		
SSCR_RTN_HIS	SCH_CODE			1	char	6		
	SCH_BR_CODE			2	char	2		
	SSCR_TRSMTL_TSTAMP			3	timestmp	10		
SSCR_TRSMTL_HIS	SCH_CODE			1	char	6		
	SCH_BR_CODE			2	char	2		
	JOB_TSTAMP			3	timestmp	10		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		STU_ADD	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
SCH_CODE	3		char	6		
SCH_BR_CODE	4		char	2		
SSCR_TRSMTL_HIS	SCH_CODE	AID_OVRPMT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
	SCH_BR_CODE	LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
	JOB_TSTAMP	PELL_GRT	ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	1	char	6
		SCH_BR_AGG	SCH_CODE	7	char	6
			SCH_BR_CODE	8	char	2
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
			SSCR_TRSMTL_TSTAMP	3	timestamp	10
		SSCR_TRSMTL_DET	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
			SSCR_TRSMTL_TSTAMP	5	timestamp	10
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		STU_BR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT_UNRESLV	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
ST_AGG	DESC_DET_ID	AGG_DESC	ID	2	smallint	4
	DESC_ID	AGG_DESC_DET	DESC_ID	6	smallint	4
	RPT_BEG_DT	AGG_DESC_ITEM	DESC_DET_ID	5	smallint	4
	RPT_END_DT		DESC_ID	6	smallint	4
	ST	AGG_DESCN	DESC_ID	6	smallint	4
		AGG_MENU_DESC	DESC_ID	6	smallint	4
		AGG_ORG_DESC	DESC_ID	6	smallint	4
		AGG_PURP	DESC_ID	6	smallint	4
STU	NO SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
			RPT_SCH_BR_CODE	8	char	2
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		PRSCRN_RSLT	STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	integer	9
			STU_SEQ_NO	16	smallint	4
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_ADD	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	integer	6
			SCH_BR_CODE	4	smallint	4
		STU_STAT_UNRSLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
SCH_CODE	3		integer	6		
SCH_BR_CODE	6		smallint	4		
STU_ADD	NO STU_NO STU_SEQ_NO STU_ADD_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		LOAN	STU_NO	36	integer	9
			STU_SEQ_NO	37	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PRSCRN_RSLT	STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	char	4
			STU_SEQ_NO	16	char	2
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_STAT_UNRESLV	STU_NO	3	integer	9
			STU_SEQ_NO	4	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
STU_BR	SCH_BR_CODE SCH_CODE STU_NO STU_SEQ_NO STU_ADD_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
			STU_NO	36	integer	9
			STU_SEQ_NO	37	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PERK_ARCH_SUM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		PRSCRN_RSLT	STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	char	4
			STU_SEQ_NO	16	char	2
		SCH	CODE	1	char	6
		SCH_BR	SCH_CODE	3	char	6
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
SSCR_CYCLE	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	2		
SSCR_RTN_HIS	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	2		
SSCR_TRSMTL_DET	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
SSCR_TRSMTL_HIS	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	2		
STU	NO	1	integer	9		
	SEQ_NO	13	smallint	4		
STU_ADD	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
STU_BR	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
SCH_BR_CODE	4		char	2		
STU_DEM	CALNDR_YR STU_NO STU_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			STU_DEM_CALNDR_YR	3	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			STU_DEM_CALNDR_YR	3	smallint	4
		LOAN	STU_NO	34	integer	9
			STU_SEQ_NO	35	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PERK_ARCH_SUM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PRSCRN_RSLT	STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	char	4
			STU_SEQ_NO	16	char	2
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		STU_ADD	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_SSN	STU_NO	6	integer	9
			STU_SEQ_NO	8	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
STU_NM	STU_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
	EXP_STU_ENRL	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	FINANC_PROF	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	LOAN	STU_NO	36	integer	9	
		STU_SEQ_NO	37	smallint	4	
	PELL_GRT	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	PERK_ARCH_SUM	STU_NO	5	integer	9	
		STU_SEQ_NO	6	smallint	4	
	PREF_SCH	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	PRSCRN_RSLT	STU_NO	50	integer	9	
		STU_SEQ_NO	51	smallint	4	
	PRSCRN_RSLT_PELL	STU_NO	15	char	4	
		STU_SEQ_NO	16	char	2	
	SSCR_TRSMTL_DET	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	STU	NO	1	integer	9	
		SEQ_NO	13	smallint	4	
	STU_ADD	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	STU_BR	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	STU_DEM	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	STU_SSN	STU_NO	6	integer	9	
		STU_SEQ_NO	8	smallint	4	
STU_STAT	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
STU_SSN	STU_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
	EXP_STU_ENRL	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	FINANC_PROF	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	LOAN	STU_NO	36	integer	9	
		STU_SEQ_NO	37	smallint	4	
	PELL_GRT	STU_NO	1	integer	9	
		STU_SEQ_NO	2	smallint	4	
	PREF_SCH	STU_NO	1	integer	9	
	PRSCRN_RSLT	STU_NO	50	integer	9	
		STU_SEQ_NO	51	smallint	4	
	PRSCRN_RSLT_PELL	STU_NO	15	char	4	
		STU_SEQ_NO	16	char	2	
	SSCR_TRSMTL_DET	STU_NO	1	integer	9	
STU_SEQ_NO		2	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		STU_ADD	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
STU_STAT	EFF_DT SCH_BR_CODE SCH_CODE SSCR_JOB_TSTAMP SRC STU_NO STU_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
			STU_NO	36	integer	9
			STU_SEQ_NO	37	smallint	4
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			ATT_SCH_CODE	3	char	6
			ATT_SCH_BR_CODE	4	char	2
			RPT_SCH_CODE	7	char	6
		RPT_SCH_BR_CODE	8	char	2	
		PEPS_SBMTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		PRSCRN_RSLT	STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	char	4
			STU_SEQ_NO	16	char	2
		SCH	CODE	1	char	6
		SCH_BR	CODE	1	char	2
			SCH_CODE	3	char	6
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
SCH_BR_CODE	4		char	2		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
			SSCR_TRSMTL_TSTAMP	3	timestamp	10
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
			SSCR_TRSMTL_TSTAMP	5	timestamp	10
		SSCR_TRSMTL_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
			JOB_TSTAMP	3	tstamp	10
		STU	NO	1	integer	9
			SEQ_NO	13	smallint	4
		STU_ADD	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_BR	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		STU_DEM	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		STU_NM	STU_NO	5	integer	9
			STU_SEQ_NO	6	smallint	4
STU_SSN	STU_NO	6	integer	9		
	STU_SEQ_NO	8	smallint	4		
		STU_STAT_UNRESLV	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
			EFF_DT	5	date	10
			SRC	6	char	8
STU_STAT_UNRESLV	EFF_DT SCH_BR_CODE SCH_CODE SRC STU_NO STU_SEQ_NO	AID_OVRPMT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		EXP_STU_ENRL	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		FINANC_PROF	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		LOAN	SCH_CODE	34	char	6
			SCH_BR_CODE	35	char	2
			STU_NO	36	integer	9
			STU_SEQ_NO	37	smallint	4

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		PELL_GRT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
		PEPS_SBMRTL_RUN_ERR	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		PREF_SCH	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	4	char	6
			SCH_BR_CODE	5	char	2
		PRSCRN_RSLT	STU_NO	50	integer	9
			STU_SEQ_NO	51	smallint	4
		PRSCRN_RSLT_PELL	STU_NO	15	char	4
			STU_SEQ_NO	16	char	2
		SCH	CODE	1	char	6
		SCH_BR	CODE	1	char	2
			SCH_CODE	3	char	6
		SCH_BR_CODE_XREF	SCH_CODE	2	char	6
			SCH_BR_CODE	3	char	2
		SCH_BR_STAT_HIS	SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
		SCH_BR_TRAN_HIS	OLD_SCH_CODE	2	char	6
			OLD_SCH_BR_CODE	3	char	4
			NEW_SCH_CODE	4	char	6
			NEW_SCH_BR_CODE	5	char	4
		SCH_ORIGN_HIS	SCH_CODE	4	char	6
		SSCR_CYCLE	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_RTN_HIS	SCH_CODE	1	char	6
			SCH_BR_CODE	2	char	2
		SSCR_TRSMTL_DET	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
SCH_CODE	3		char	6		
SCH_BR_CODE	4		char	2		
SSCR_TRSMTL_HIS	SCH_CODE	1	char	6		
	SCH_BR_CODE	2	char	2		
STU	NO	1	integer	9		
	SEQ_NO	13	smallint	4		
STU_ADD	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
STU_BR	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
	SCH_CODE	3	char	6		
	SCH_BR_CODE	4	char	2		
STU_DEM	STU_NO	1	integer	9		
	STU_SEQ_NO	2	smallint	4		
STU_NM	STU_NO	5	integer	9		
	STU_SEQ_NO	6	smallint	4		
STU_SSN	STU_NO	6	integer	9		
	STU_SEQ_NO	8	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		STU_STAT	STU_NO	1	integer	9
			STU_SEQ_NO	2	smallint	4
			SCH_CODE	3	char	6
			SCH_BR_CODE	4	char	2
			EFF_DT	5	date	10
SUPP_REINSUR_PMT	GA_CODE GA_RESP_BEG_DT ID_STU_SEQ_ID LOAN_SEQ_NO LOAN_NO	COLL	LOAN_NO	5	integer	9
			GA_CODE	6	char	3
			GA_RESP_BEG_DT	7	date	10
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	11	smallint	4
		FDSL_P_SVR_BR_HOL	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		GA	CODE	1	char	3
			LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
		INSUR_CL_PMT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	10	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		INSUR_CL_RFD	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	10	smallint	4
		IRS_OFF	LOAN_NO	6	integer	9
			GA_CODE	7	char	3
			GA_RESP_BEG_DT	8	date	8
			LOAN_SEQ_NO	11	smallint	4
		LEN_BR_HOL_SVR	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_CAN	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_DFR	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
		LOAN_DIS	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	7	smallint	4
ID_STU_SEQ_NO	8		smallint	4		
LOAN_GP		LOAN_GP	LOAN_NO	5	integer	9
			ID_STU_SEQ_NO	6	smallint	4
			LOAN_SEQ_NO	7	smallint	4
		LOAN_GUA	LOAN_NO	4	integer	9
			GA_CODE	5	char	3
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		LOAN_MAT_DT_HIS	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
ID_STU_SEQ_NO	5		smallint	4		
LOAN_RFD	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	6	smallint	4		
	ID_STU_SEQ_NO	7	smallint	4		

Table Relationships						
Parent Table	Key Field	Join Table	Key Field	Key Col	Key Col Type	Key Col Length
		LOAN_RPMT_PLAN	LOAN_NO	4	integer	9
			ID_STU_SEQ_NO	5	smallint	4
			LOAN_SEQ_NO	6	smallint	4
		LOAN_STAT	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	7	smallint	4
			ID_STU_SEQ_NO	8	smallint	4
		LOAN_SUPP	LOAN_NO	35	integer	9
			LOAN_SEQ_NO	36	smallint	4
			ID_STU_SEQ_NO	37	smallint	4
		PCA_SPA_NOTIF	LOAN_NO	4	integer	9
			LOAN_SEQ_NO	5	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		PLUS_BOR_LOAN	LOAN_NO	3	integer	9
			LOAN_SEQ_NO	4	smallint	4
			ID_STU_SEQ_NO	6	smallint	4
		REINSUR_CL_PMT	LOAN_NO	7	integer	9
			GA_CODE	8	char	3
			GA_RESP_BEG_DT	9	date	8
			LOAN_SEQ_NO	11	smallint	4
			ID_STU_SEQ_NO	12	smallint	4
		REINSUR_CL_RFD	LOAN_NO	4	integer	9
			GA_CODE	5	char	3
			GA_RESP_BEG_DT	6	date	8
			LOAN_SEQ_NO	8	smallint	4
			ID_STU_SEQ_NO	9	smallint	4
		RPCH_LOAN	LOAN_NO	5	integer	9
			LOAN_SEQ_NO	6	smallint	4
			ID_STU_SEQ_NO	7	smallint	4
SCH_BR_HOL_SVR	LOAN_NO	4	integer	9		
	LOAN_SEQ_NO	5	smallint	4		
	ID_STU_SEQ_NO	6	smallint	4		
SPA_PMT	LOAN_NO	3	integer	9		
	GA_CODE	4	char	3		
	GA_RESP_BEG_DT	5	date	8		
	LOAN_SEQ_NO	7	smallint	4		
	ID_STU_SEQ_NO	8	smallint	4		

## 4.7 Query Index List

Table Name	Index Name	Column Name	Key Seq	A/D
ACCT_CALNDR	SYACAL1	YR	1	A
		MO	2	A
AGG_DESC	SYAGDI01	ID	1	A
AGG_DESC_DET	SYAGDDI1	DESC_ID	1	A
		ID	2	A
AGG_DESC_ITEM	SYAGDII1	DESC_ID	1	A
		ITEM_NM	2	A
		VAL	3	A
		DESC_DET_ID	4	A
		SYS_CR_DT	5	A
AGG_DESCN	SYAGDNI1	DESC_ID	1	A
		ID	2	A
AGG_ORG	SYAGOI01	NM	1	A
AGG_ORG_DESC	SYAGODI1	ORG_NM	1	A
AGG_PURP	SYAGPI01	DESC_ID	1	A
		ID	2	A
AID_OVRPMT	STAOPI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		SCH_CODE	3	A
		SCH_BR_CODE	4	A
		AID_TYPE	5	A
		DIS_DT	6	D
COLL	GACOLLI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LOAN_GUA_SEQ_NO	4	A
		GA_CODE	5	A
		GA_RESP_BEG_DT	6	D
		DT	7	D
DFR_TYPE	LODFTY1	CODE	1	A
EXP_STU_ENRL	STESEI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		STU_DEM_CALNDR_YR	3	D
		SCH_TERM_CODE	4	A
FDLP_SVR	FSFDSV1	CODE	1	A
FDLP_SVR_BR_HOL	FSFDSH1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		FDSL_P_SVR_CODE	4	A
		FDSL_P_SVR_BR_CODE	5	A
		RESP_BEG_DT	6	A
FINANC_PROF	STFPRI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		STU_DEM_CALNDR_YR	3	D
		CATG_CODE	4	A
FS_SBM_TL_HIS	SYFSSH1	SCHED_SBM_TL_DT	1	A
		CODE	2	A

Table Name	Index Name	Column Name	Key Seq	A/D
FS_SBMTL_RUN_ERR	SYFSREI1	SBMTL_HIS_CODE	1	A
		STU_SSN	2	A
		DOB	3	A
		STU_FST	4	A
		TYPE	5	A
		LOAN_DT	6	A
		FFEL_DUP_ID	7	A
		SCH_CODE	8	A
		PLUS_BOR_SSN	9	A
		RCD_TYPE_IND	10	A
		FLD_IN_ERR_CODE	11	A
		ERR_CODE	12	A
		SBMTL_HIS_SBMTL_DT	13	A
GA	GAGAI001	CODE	1	A
GA_AGG	GAGAAGI1	GA_CODE	1	A
		DESC_ID	2	A
		DESC_DET_ID	3	A
		RPT_BEG_DT	4	D
		RPT_END_DT	5	D
GA_AGG	GAGAAGI2	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D
GA_SBMTL_HIS	SYGASHI1	SCHED_SBMTL_DT	1	A
		CODE	2	A
GA_SBMTL_RUN_ERR	SYGAREI1	SBMTL_HIS_CODE	1	A
		STU_SSN	2	A
		DOB	3	A
		STU_FST	4	A
		TYPE	5	A
		GUA_DT	6	A
		FFEL_DUP_ID	7	A
		SCH_CODE	8	A
		PLUS_BOR_SSN	9	A
		RCD_TYPE_IND	10	A
		FLD_IN_ERR_CODE	11	A
		ERR_CODE	12	A
		SBMTL_HIS_SBMTL_DT	13	A
INSUR_CL_PMT	LEICLP1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LEN_CODE	4	A
		LEN_BR_CODE	5	A
		LEN_HOL_SYS_CR_DT	6	A
		LEN_HOL_SEQ_NO	7	A
		SYS_CR_DT	8	A
		SEQ_NO	9	A

Table Name	Index Name	Column Name	Key Seq	A/D
INSUR_CL_RFD	LEICLR1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LEN_CODE	4	A
		LEN_BR_CODE	5	A
		LEN_HOL_SYS_CR_DT	6	A
		LEN_HOL_SEQ_NO	7	A
		DT	8	A
IRS_OFF	GAIOFF1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LOAN_GUA_SEQ_NO	4	A
		GA_CODE	5	A
		GA_RESP_BEG_DT	6	D
		SEQ_NO	7	A
		SYS_CR_DT	8	D
LEN	LELENI01	CODE	1	A
LEN_BR	LELBRI01	LEN_CODE	1	A
		CODE	2	A
LEN_BR_AGG	LELAGG1	LEN_CODE	1	A
		LEN_BR_CODE	2	A
		DESC_ID	3	A
		DESC_DET_ID	4	A
		RPT_BEG_DT	5	D
		RPT_END_DT	6	D
LEN_BR_AGG	LELAGG2	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D
LEN_BR_HOL	LELHOLI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LEN_CODE	4	A
		LEN_BR_CODE	5	A
		SYS_CR_DT	6	A
		SEQ_NO	7	A
LEN_BR_HOL_SVR	LELHSV1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LEN_CODE	4	A
		LEN_BR_CODE	5	A
		LEN_HOL_SYS_CR_DT	6	A
		LEN_HOL_SEQ_NO	7	A
		RESP_BEG_DT	8	A
		SVR_CODE	9	A
LEN_BR_SVR	LELSVR1	CODE	1	A
LEN_BR_SVR_AGG	LELSAG1	SVR_CODE	1	A
		DESC_ID	2	A
		DESC_DET_ID	3	A
		RPT_BEG_DT	4	D
		RPT_END_DT	5	D

Table Name	Index Name	Column Name	Key Seq	A/D
LEN_BR_SVR_AGG	LELSAGI2	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D
LEN_BR_TRAN_HIS	LELTRHI1	OLD_LEN_BR_CODE	1	A
		OLD_LEN_CODE	2	A
		NEW_LEN_BR_CODE	3	A
		NEW_LEN_CODE	4	A
		SYS_CR_DT	5	A
LOAN	LOLOANI1	NO	1	A
		ID_STU_SEQ_NO	2	A
		SEQ_NO	3	A
	LOLOANI2	DT	1	D
		SCH_CODE	2	A
		SCH_BR_CODE	3	A
	LOLOANI3	STU_NO	1	A
		STU_SEQ_NO	2	A
		SCH_CODE	3	A
		SCH_BR_CODE	4	A
	LOLOANI4	SCH_CODE	1	A
		SCH_BR_CODE	2	A
LOAN_TYPE		3	A	
LOAN_CAN	LOLCANI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		DT	4	A
LOAN_DFR	LOLDFRI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		START_DT	4	A
LOAN_DIS	LOLDIS1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		DT	4	A
LOAN_GP	LOLGRI01	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		D_SYS_CR_DT	4	D
		USAGE_IND	5	A
LOAN_GP	LOLGRI02	GP_LOAN_NO	1	A
		GP_ID_STU_SEQ_NO	2	A
		GP_LOAN_SEQ_NO	3	A
LOAN_GUA	GALGUA1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		SEQ_NO	4	A
		GA_CODE	5	A
		RESP_BEG_DT	6	D
LOAN_MAT_DT_HIS	LOLMDHI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		SEQ_NO	4	A
		SYS_CR_DT	5	A

Table Name	Index Name	Column Name	Key Seq	A/D
LOAN_RFD	LOLRFDI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		REC_DT	4	A
LOAN_RPMT_PLAN	LOLRPI01	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		DT_ENTR_RPMT	4	A
LOAN_STAT	LOLSTAI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		SYS_BEG_DT	4	A
		SEQ_NO	5	A
LOAN_SUPP	LOLSUPI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
LOAN_TYPE	LOLTYPI1	CODE	1	A
LOAN_TYPE_GP	LOLTYGI1	CODE	1	A
NATL_AGG	LONAGGI1	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D
OPUT_DISTR	SYODISI1	SYS_CR_TSTAMP	1	A
		TYPE	2	A
		USER_ID	3	A
ORG	DRORGI01	SYS_CR_TSTAMP	1	A
	DRORGI02	GA_CODE	1	A
	DRORGI03	LEN_CODE	1	A
		LEN_BR_CODE	2	A
	DRORGI04	SCH_CODE	1	A
		SCH_BR_CODE	2	A
PCA_SPA_NOTIF	LOPNOTI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		REQ_DT	4	A
PELL_GRT	STGRTI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		ATT_SCH_CODE	3	A
		ATT_SCH_BR_CODE	4	A
		TYPE	5	A
		AWARD_YR	6	A
	STGRTI02	RPT_SCH_CODE	1	A
PLUS_BOR	LOBORI01	NO	1	A
		SEQ_NO	2	A
PLUS_BOR_LOAN	LOBLOAI1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		PLUS_BOR_NO	4	A
		PLUS_BOR_SEQ_NO	5	A
		SYS_CR_DT	6	A
	LOBLOAI2	PLUS_BOR_NO	1	A

Table Name	Index Name	Column Name	Key Seq	A/D
PLUS_BOR_NM	LOBNMI01	PLUS_BOR_NO	1	A
		PLUS_BOR_SEQ_NO	2	A
		FST	3	A
		LST	4	A
PLUS_BOR_SSN	LOBSSN1	PLUS_BOR_NO	1	A
		PLUS_BOR_SEQ_NO	2	A
		NO	3	A
	LOBSSN2	NO	1	A
PREF_SCH	STPSCI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		STU_DEM_CALNDR_YR	3	D
		SCH_CODE	4	A
		SCH_BR_CODE	5	A
		NO	6	A
	STPSCI02	SCH_CODE	1	A
		SCH_BR_CODE	2	A
PRSCRN_APPL	STPRAI01	CURR_SSN	1	A
		FST_NM	2	A
		LST_NM	3	A
		CPS_DOB	4	A
		CPS_AWARD_YR	5	A
PRSCRN_RSLT	STPRRI01	APPL_CURR_SSN	1	A
		APPL_FST_NM	2	A
		APPL_LST_NM	3	A
		APPL_CPS_DOB	4	A
		APPL_CPS_AWARD_YR	5	A
		SEQ_NO	6	A
PRSCRN_RSLT_LOAN	STPRLI01	APPL_CURR_SSN	1	A
		APPL_FST_NM	2	A
		APPL_LST_NM	3	A
		APPL_CPS_DOB	4	A
		APPL_CPS_AWARD_YR	5	A
		RSLT_SEQ_NO	6	A
		SEQ_NO	7	A
PRSCRN_RSLT_PELL	STPRPI01	APPL_CURR_SSN	1	A
		APPL_FST_NM	2	A
		APPL_LST_NM	3	A
		APPL_CPS_DOB	4	A
		APPL_CPS_AWARD_YR	5	A
		RSLT_SEQ_NO	6	A
		SEQ_NO	7	A
REG_AGG	LORAGGI1	ED_REG_CODE	1	A
		DESC_ID	2	A
		DESC_DET_ID	3	A
		RPT_BEG_DT	4	D
		RPT_END_DT	5	D
	LORAGGI2	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D

Table Name	Index Name	Column Name	Key Seq	A/D
REINSUR_CL_PMT	GARCLP11	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LOAN_GUA_SEQ_NO	4	A
		GA_CODE	5	A
		GA_RESP_BEG_DT	6	D
		FILE_DT	7	D
REINSUR_CL_RFD	GARCLR11	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LOAN_GUA_SEQ_NO	4	A
		GA_CODE	5	A
		GA_RESP_BEG_DT	6	D
		DT	7	D
RPCH_LOAN	LORPCL11	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		DT	4	A
SCH	SCSCH101	CODE	1	A
SCH_BR	SCSCBRI1	SCH_CODE	1	A
		CODE	2	A
SCH_BR_AGG	SCSCAG11	SCH_CODE	1	A
		SCH_BR_CODE	2	A
		DESC_ID	3	A
		DESC_DET_ID	4	A
		RPT_BEG_DT	5	D
		RPT_END_DT	6	D
	SCSCAG12	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D
SCH_BR_CODE_XREF	SCSBX101	CODE	1	A
		MNG_PROG_TYPE	2	A
		SCH_CODE	3	A
		SCH_BR_CODE	4	A
SCH_BR_CODE_XREF	SCSBX102	SCH_CODE	1	A
		SCH_BR_CODE	2	A
SCH_BR_HOL_SVR	LOSHSV11	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		SVR_CODE	4	A
		RESP_BEG_DT	5	A
SCH_BR_STAT_HIS	SCSBSH11	SCH_CODE	1	A
		SCH_BR_CODE	2	A
		DT	3	A
SCH_BR_SVR	LOSSVRI1	CODE	1	A

Table Name	Index Name	Column Name	Key Seq	A/D
SCH_BR_SVR_AGG	LOSSAG1	SVR_CODE	1	A
		DESC_ID	2	A
		DESC_DET_ID	3	A
		RPT_BEG_DT	4	D
		RPT_END_DT	5	D
	LOSSAG2	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D
SCH_BR_TRAN_HIS	SCSTRH1	NEW_SCH_CODE	1	A
		NEW_SCH_BR_CODE	2	A
		OLD_SCH_CODE	3	A
		OLD_SCH_BR_CODE	4	A
		SYS_CR_DT	5	A
	SCSTRH2	OLD_SCH_CODE	1	A
		OLD_SCH_BR_CODE	2	A
SCH_ORIGN_HIS	SCSOHI01	SCH_CODE	1	A
		ORIGN_EFF_DT	2	A
	SCSOHI02	FDSL_P_SVR_CODE	1	A
		FDSL_P_SVR_BR_CODE	2	A
SCH_SBM_TL_HIS	SYSCSH1	SCHED_SBM_TL_DT	1	A
		CODE	2	A
SCH_SBM_TL_RUN_ERR	SYSCRE1	SBM_TL_HIS_CODE	1	A
		STU_SSN	2	A
		DOB	3	A
		STU_FST	4	A
		TYPE	5	A
		SCH_DT	6	A
		RCD_TYPE_IND	7	A
		FLD_IN_ERR_CODE	8	A
		ERR_CODE	9	A
		SBM_TL_HIS_SBM_TL_DT	10	A
	SYSCRE2	SBM_TL_HIS_SBM_TL_DT	1	A
		SBM_TL_HIS_CODE	2	A
SPA_PMT	GASPAP1	LOAN_NO	1	A
		ID_STU_SEQ_NO	2	A
		LOAN_SEQ_NO	3	A
		LOAN_GUA_SEQ_NO	4	A
		GA_CODE	5	A
		GA_RESP_BEG_DT	6	D
		DT	7	D
SSCR_CYCLE	SCSCYI01	SCH_CODE	1	A
		SCH_BR_CODE	2	A
		CYCLE_NO	3	A
SSCR_RT_N_HIS	SCSRHI01	SCH_CODE	1	A
		SCH_BR_CODE	2	A
		SSCR_TRSM_TL_TSTAMP	3	D
		RTN_DT	4	D

Table Name	Index Name	Column Name	Key Seq	A/D
SSCR_TRSMTL_DET	SCSTDI01	SCH_CODE	1	A
		SCH_BR_CODE	2	A
		SSCR_TRSMTL_TSTAMP	3	D
		SSCR_SEQ_NO	4	A
	SCSTDI02	STU_NO	1	A
		STU_SEQ_NO	2	A
SSCR_TRSMTL_HIS	SCSTHI01	SCH_CODE	1	A
		SCH_BR_CODE	2	A
		JOB_TSTAMP	3	A
ST_AGG	LOSTAGI1	ST	1	A
		DESC_ID	2	A
		DESC_DET_ID	3	A
		RPT_BEG_DT	4	D
		RPT_END_DT	5	D
	LOSTAGI2	DESC_ID	1	A
		DESC_DET_ID	2	A
		RPT_BEG_DT	3	D
		RPT_END_DT	4	D
STU	STSTUI01	NO	1	A
		SEQ_NO	2	A
STU_ADD	STSADI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		NO	3	A
STU_BR	STSTBR11	STU_NO	1	A
		STU_SEQ_NO	2	A
		SCH_CODE	3	A
		SCH_BR_CODE	4	A
STU_DEM	STSDEMI1	STU_NO	1	A
		STU_SEQ_NO	2	A
		CALNDR_YR	3	D
STU_NM	STSNMI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		FST	3	A
		LST	4	A
	STSNMI02	LST	1	A
		FST	2	A
STU_SSN	STSSNI1	STU_NO	1	A
		STU_SEQ_NO	2	A
		NO	3	A
	STSSNI2	NO	1	A
STU_STAT	STSSTA11	STU_NO	1	A
		STU_SEQ_NO	2	A
		SCH_CODE	3	A
		SCH_BR_CODE	4	A
		EFF_DT	5	D
STU_STAT_UNRESLV	STSSUI01	STU_NO	1	A
		STU_SEQ_NO	2	A
		SCH_CODE	3	A
		SCH_BR_CODE	4	A
		EFF_DT	5	D
		SRC	6	A

Table Name	Index Name	Column Name	Key Seq	A/D
SUPP_REINSUR_PMT	GASRPI01	LOAN_NO	1	A
		ID_STU_SEQ_ID	2	A
		LOAN_SEQ_NO	3	A
		LOAN_GUA_SEQ_NO	4	A
		GA_CODE	5	A
		GA_RESP_BEG_DT	6	D
		SEQ_NO	7	A
		SYS_CR_DT	8	D
TRAN_DET	SYTRDI01	NSLDS_ID	1	A
		TRAN_LOG_CODE	2	A
		TRAN_LOG_TSTAMP	3	D
		CODE	4	A
TRAN_LOG	SYTRLI01	NSLDS_ID	1	A
		CODE	2	A
		SYS_CR_TSTAMP	3	D
		SYTRLI02	SRCH_SSN	1
VAL_TRSL_TAB	SYVTRT11	LKUP_ID	1	A
		LKUP_TYPE_NM	2	A



