



F E D E R A L
S T U D E N T A I D
We Help Put America Through School

FSA Modernization Partner

NSLDS II Reengineering
Procedures Detail Design:
Student Transfer Monitoring
P-STM-1

Version 1.1

November 26, 2002

Table of Contents

1	Student Transfer Monitoring (STM)	2
1.1	OFFICIAL/DRAFT/STUDENT TRANSFER MONITOR SELECT AND UPDATE.....	2
1.1.1	<i>Procedure Specifications</i>	2
1.1.2	<i>Procedure Flow</i>	3
1.1.3	<i>Computational Logic - Initiate Transfer Monitor/Create Transfer Monitor Event</i>	3
1.1.3.1	Inputs	3
1.1.3.2	Outputs	3
1.1.4	<i>Computational Logic - Select and Update Student Transfer Monitor List</i>	4
1.1.4.1	Inputs	5
1.1.4.2	Outputs	7
1.1.5	<i>Computational Logic - Create Alerts</i>	8
1.1.5.1	Inputs	10
1.1.5.2	Outputs	11
1.1.6	<i>Computational Logic - End Transfer Monitor/Close Alert Run History</i>	21
1.1.6.1	Inputs	21
1.1.6.2	Outputs	21
1.2	APPENDIX A: CODES	22
1.2.1	<i>A.1 Loan Status Codes</i>	22
1.2.2	<i>A.2 Loan Type Codes</i>	25
1.2.3	<i>A.3 GA Codes</i>	26
1.2.4	<i>A.4 Use of N/A Code</i>	26
1.3	APPENDIX B: CALCULATION ALGORITHMS.....	27
1.4	APPENDIX C: STUDENT/BORROWER MATCH CRITERIA.....	36
1.5	APPENDIX D: SAMPLE LEGACY NSLDS EMAIL ALERT NOTIFICATION TEXT.....	39

Document Control

Version Number	Description	Release Date	Author
1.0	Initial Release	11/08/2002	David Marker
1.1	Deleted the SSIG code in the Overpayment Type field on page 14.	11/26/2002	David Marker

1 Student Transfer Monitoring (STM)

The Student Transfer Monitoring process involves monitoring the financial aid history of students transferring from one school to another during the same academic year. The school receiving the transfer student initiates the monitoring process on the transfer student by submitting the student to NSLDS II. This student is then put on a list within NSLDS II to monitor changes in the student's financial history that could affect their current eligibility for Title IV aid. When changes are identified by NSLDS II for a particular student on the transfer monitor list, the requesting school will be notified and provided specific financial aid history details.

The basic steps in the student transfer monitoring process include:

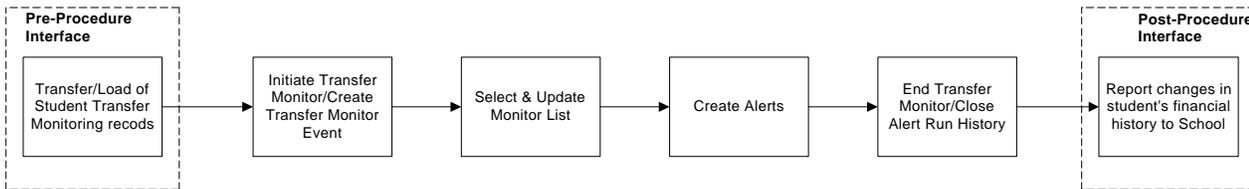
- Pre-Procedure: Receive Information – The transfer school notifies NSLDS II of a student transfer. NSLDS II monitors student's activity for 90 days (see related School Interface I-SCHL-4 and STM Web Screens for details)
- Initiate Transfer Monitor/Create Transfer Monitor Event
- Select and Update
- Create Alert
- End Transfer Monitor/Close Alert Run History
- Post Procedure: Provide Information – NSLDS II notifies the transfer school of changes in a student's financial aid history that could affect a student's eligibility (see related School Interface I-SCHL-4 for details)

1.1 Official/Draft/Student Transfer Monitor Select and Update

1.1.1 Procedure Specifications

Procedure Name:	Student Transfer Monitor Select and Update
Procedure Short Description:	The Student Transfer Monitor procedure notes changes in the financial aid history of students transferring from one school to another during the same academic year. When the changes could affect the student's eligibility for Title IV aid, an alert is sent to the school the student has transferred to.
Data Source:	Schools send batch information or input data through Financial Aid Professional STM Web Screens
Procedure Frequency:	Weekly
Detail Requirement References:	5.030, 5.031
Output Media:	DB2 EEE TM_STU_ALRT tables
Output Target Platform:	NSLDS II DB2 EEE
Output Storage Requirements:	Alert information is stored permanently in the TM_STU_ALRT tables
Related Interfaces/Screens:	Schools (See System Interface Detail Design: Schools Section I-SCHL-4) STM Web Screens (See NSLDS II Reengineering Screens Detail Design: Student Transfer Monitoring) Prescreening Procedure Detail Design: Prescreening (see document P-PRES-1)

1.1.2 Procedure Flow



1.1.3 Computational Logic - Initiate Transfer Monitor/Create Transfer Monitor Event

Create TM EVT (Transfer Monitor Event); use current system timestamp.

Note: All Alert Run Histories created during the student monitor process will be associated to the event.

1.1.3.1 Inputs

None

1.1.3.2 Outputs

TM_EVT

Data Element	Description	Type	Length	Mapping
AGT	An indication of who caused the event. For web IR events, the first and last name of the web user. For batch IR events, the code of the organization submitting the Inform file, i.e., the school code or the servicer code. For batch AR events, 'Batch'. There are no web AR events.	C	48	'BATCH'
BEG_TSTAMP	The system timestamp when the event began.	Q	10	System Timestamp
METHOD	Code identifying the processing method for the event. Values are B-Batch, W-Web.	C	1	'B'
TYPE	Code identifying the type of event. Values are IR-Inform Run, AR-Alert Run.	C	2	'AR'

Note: For web generated events , please reference the transfer monitoring SDD and the Application Arch Detailed Design

1.1.4 Computational Logic - Select and Update Student Transfer Monitor List

Loop Through Students from TM STU (Transfer Monitor Student)

/* Check if the transfer monitor student record is still active */

If TM_STU.END_TSTAMP > TM EVT.BEG_TSTAMP

Go To Next Student

End If

/* Check if the transfer monitor student's monitor begin date has passed*/

If TM_STU.MNTR_BEG_DT < TM EVT.BEG_TSTAMP

Go To Next Student

End If

/* Check if the Monitored Student's enrollment begin date has passed by more than the number of days specified in the "deactivate days" parameter */

If (TM EVT.BEG_TSTAMP - TM STU.ENRL_BEG_DT) > VAL_TRSL_TAB.deactivate days

/*validation translation table has deactivate days variable value set*/

TM_STU.END_TSTAMP = TM_EVT.BEG_TSTAMP /*current event timestamp*/

Go To Next Student

End If

/*Verify that the school has a school transfer profile set up */

If TM SCH XFER PROF DOES NOT exist for the school/branch.

Return an error message

Go To Next Student

End If

/*On the STM load interface the student is matched with an existing student in the database and the student number and sequence number foreign keys are populated. There are cases where no match is found when the student has not yet been added to the database. When the weekly STM procedure is run a match is again attempted between the transfer monitor student and a student in the database. */

If foreign keys (STU_NO, STU_SEQ_NO and PLUS_BOR_NO, PLUS_BOR_SEQ_NO) are blank attempt to get a match between the TM STU and STU (student) and/or PLUS borrower using the standard NSLDS II matching process (see Appendix C)

If no match

Error Message

Go To Next Student

End If

Else

Populate TM_STU with the matched STU_NO, STU_SEQ_NO and PLUS_BOR_NO, PLUS_BOR_SEQ_NO

End If

Create an alert run history for the school/branch if one does not yet exist for current
TM_EVT.BEG_TSTAMP

Populate TM_STU_ALERT_INFO_TEMP table with Transfer Monitor Student and School Profile
info

End Loop

1.1.4.1 Inputs

TM_EVT

Data Element	Description	Type	Length
AGT	An indication of who caused the event. For web IR events, the first and last name of the web user. For batch IR events, the code of the organization submitting the Inform file, i.e., the school code or the servicer code. For batch AR events, 'Batch'. There are no web AR events.	C	48
BEG_TSTAMP	The system timestamp when the event began.	Q	10
METHOD	Code identifying the processing method for the event. Values are B–Batch, W–Web.	C	1
TYPE	Code identifying the type of event. Values are IR–Inform Run, AR–Alert Run.	C	2

TM_STU

Data Element	Description	Type	Length
BEG_TSTAMP	The system timestamp when the occurrence is created.	Q	10
DOB	The date of birth of the student to be monitored.	D	4
END_TSTAMP	The system timestamp when this occurrence was replaced (i.e., updated) or logically deleted and therefore no longer in effect. If being replaced, the End Timestamp will be equal to the Begin Timestamp of the occurrence replacing it.	Q	10
ENRL_BEG_DT	The enrollment begin date at the school for the student to be monitored.	D	8
FST_NM	The first name of the student to be monitored.	C	12
LST_NM	The last name of the student to be monitored.	C	35
MNTR_BEG_DT	The date monitoring is to begin for the student at the school.	D	8
PLUS_BOR_NO	The unique identifier of a borrower.	N	4

Data Element	Description	Type	Length
PLUS_BOR_SEQ_NO	Designer 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	2
SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6
SSN	The SSN of the student to be monitored.	C	9
STU_NO	The unique NSLDS generated identifier of a student.	N	9
STU_SEQ_NO	Designer added attribute that will keep the Student Number unique in cases where the value for Number is the same for two different students (It is possible for two different students to have the same SSN.).	N	2
TM_EVT_BEG_TIMESTAMP	The system timestamp when the event began.	Q	10

TM SCH_XER_PROF

Data Element	Description	Type	Length
ALRT_DEST_ID	Destination ID to which batch Transfer Monitoring Alert files will be sent.	C	8
BAT_ALERT_METHOD	Format for batch Transfer Monitoring alerts: R-Report, E-Extract.	C	1
BEG_TIMESTAMP	The system timestamp when this occurrence of the school's profile was created and became effective.	Q	10
CR_BY_USER_NM	The first and last name of the user creating this occurrence of the profile.	C	48
EMAIL_ADDRESS	Email address of contact for Transfer Monitoring alerts.	C	45
END_TIMESTAMP	The system timestamp when this occurrence of the school's profile was replaced and was therefore no longer in effect. This End Timestamp will be equal to the Begin Timestamp of the profile, which replaced it.	Q	10
FST_NM	First name of contact for Transfer Monitoring alerts.	C	12
INFRM_DEST_ID	Destination ID from which batch Transfer Monitoring Inform files for the school will be accepted other than those destination IDs associated with the school.	C	8
LST_NM	Last name of contact for Transfer Monitoring alerts.	C	35
PH_EXT	Phone extension of contact for Transfer Monitoring alerts.	C	5

Data Element	Description	Type	Length
PH_NO	Phone number of contact for Transfer Monitoring alerts.	C	12
SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6
TITL	Title of contact for Transfer Monitoring alerts.	C	30

1.1.4.2 Outputs

TM_ALERT_RUN_HIS

Data Element	Description	Type	Length	Mapping
END_TIMESTAMP	The system timestamp when the Alert Generation process ended.	Q	10	9999-12-31-23.59.59.999999 (default max timestamp)
SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2	TM_STU.SCH_BR_CODE
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	TM_STU.SCH_CODE
SEQ_NO	A sequence number identifying the order in which multiple Alert Generation processes took place in the same day. Starts with 1 for each school/branch each day and is incremented by 1. NOTE: seq no allows for multiple Alert Generations in the same day but to date no more than one Generation has occurred in a day	N	2	See Description (Set to seq_no +1 for the given sch_br_code & sch_code)
TM_EVT_BEG_TIMESTAMP	The system timestamp when the event began.	Q	10	TM_EVT.BEG_TIMESTAMP

TM_STU_ALERT_INFO_TEMP

Data Element	Description	Type	Length	Mapping
SCH_CODE	The school code of the school requesting the student to be monitored.	C	6	TM_STU.SCH_CODE
SCH_BR_CODE	The school branch code of the school requesting the student to be monitored.	C	2	TM_STU.SCH_BR_CODE
TM_STU_BEG_TIMESTAMP	The timestamp of the event in which the monitored student row was created.	Q	10	TM_STU.BEG_TIMESTAMP
SSN	The SSN of the monitored student.	C	9	TM_STU.SSN

Data Element	Description	Type	Length	Mapping
TM_EVT_BEG_TSTAMP	The begin timestamp of the monitored student.	Q	10	TM_STU. TM_EVT_BEG_TSTAMP
FST_NM	The first name of the monitored student.	C	12	TM_STU.FST_NM
LAST_NAME	The last name of the monitored student.	C	35	TM_STU. LAST_NAME
DOB	The date of birth of the monitored student.	C	8	TM_STU.DOB
ENRL_BEG_DT	The enrollment begin date of the monitored student.	C	8	TM_STU. ENRL_BEG_DT
PLUS_BOR_NO	The unique identifier of a borrower.	N	4	TM_STU.PLUS_BOR_NO
PLUS_BOR_SEQ_NO	Designer 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	2	TM_STU.PLUS_BOR_SEQ_NO
STU_NO	The unique NSLDS generated identifier of a student.	N	9	TM_STU.NO
STU_SEQ_NO	Designer added attribute that will keep the Student Number unique in cases where the value for Number is the same for two different students (It is possible for two different students to have the same SSN.).	N	2	TM_STU.SEQ_NO
NSLDS_ID	The user ID associated to the destination ID for the school's alerts.	C	8	NSLDS_USER.NSLDS_ID
ALRT_DEST_ID	The destination ID for the school's alerts.	C	8	TM_SCH_XER_PROF. .ALRT_DEST_ID
BAT_ALT_METHOD	The format for batch alerts for the school.	C	1	TM_SCH_XER_PROF. .BAT_ALT_METHOD
EMAIL_ADDRESS	The email address of the school's contact for alerts.	C	45	TM_SCH_XER_PROF. .EMAIL_ADD
TM_ALERT_RUN_HISTORY_SEQ_NO	The sequence number for the school's alert run history.	N	2	TM_ALERT_RUN_HISTORY. SEQ_NO

1.1.5 Computational Logic - Create Alerts

Loop Through Selected Students in previous step

Select all Prescreening for current award year, prescreening for previous award yr, and student alerts

If selection returns nothing

Select Prescreening for current year and previous year for SSN with match indicator 3
(see Appendix C and Prescreening Detail Design: P-PRES-1)
If still no prescreening
 Go To Next Student
End If
End If
Get most recent out of Prescreening Curr Yr, Prescreening Prev Yr, or Student Alert)

/*Get Current Aid Info for each loan (STU_NO & STU_SEQ_NO) in the student's current aid
information (based on the award year determined by the student's enrollment begin date*/
Loop Through loans in the student's current aid information (LOAN table)
Initiate all flags
 If (LOAN.LOAN_TYPE is FFEL or Direct loan and LOAN.PER_BEG_DT >=
 (TM_STU_ALRT_INFO_TEMP.ENRL_BEG_DT - 210 days /*30 weeks*/) and
 LOAN.PER_BEG_DT <= TM_STU_ALRT_INFO_TEMP.ENRL_BEG_DT +90 days or the
 LOAN.PER_END_DT >= TM_STU_ALRT_INFO_TEMP.ENRL_BEG_DT)
 Or (loan is Perkins and the last disbursement date is in the award year determined by
 the student's enrollment begin date))
 If the loan is also in the student's most recent prescreening or student alert
 compare the two loans
 If the net amount, disbursed amount, or outstanding principal balance
 changed between LOAN and (TM_STU_ALRT_LOAN or
 PRSCRN_RSLT_LOAN)
 Set the loan change flag for the loan.
 Set the loan change flag for the student.
 Set the aggregates change flag for the student.
 End if
 If the period end date or period begin date changed,
 Set the loan change flag for the loan.
 Set the loan change flag for the student.
 End if.
 Else /*Loan is not in most recent prescreening or student alert*/
 Set the loan change flag for the loan.
 Set the loan change flag for the student.
 Set the aggregates change flag for the student.
 End if
 End if.
End Loop

Loop through each Pell grant (PELL_GRT table) in the student's current aid information with
award year the same as the award year determined by the student's enrollment begin date,
If the Pell grant is also in the student's most recent student alert or most recent
prescreening for the matching award year,
 If the scheduled amount, award amount, amount paid to date, remaining amount
 to pay, expected family contribution, or as of date changed,

```
                Set the Pell change flag for the Pell grant.
                Set the Pell change flag for the student.
            End if.
        Else /*Loan is not in most recent prescreening or student alert*/
            Set the Pell change flag for the Pell grant.
            Set the Pell change flag for the student.
        End if
    End Loop

    If Pell Change Flag = Y or Loan Change Flag = Y
        Store the student alert information in the student alert tables
    End If
```

End Loop

Loop though distinct school code/branch code in the newly created alerts (TM_STU_ALERT)
Generate and send the Alert Email notification using the email address set up in the school's profile: TM_SCH_XER_PROF.EMAIL_ADD (see Appendix D) (if the email address is blank then no message is sent)

```
    If TM_SCH_XER_PROF.ALRT_IND set to web & batch
        Run the Schools Transfer Monitoring Results File Interface
    End If
```

End Loop

1.1.5.1 Inputs

TM_ALERT_RUN_HIS (see 1.1.4.2 Outputs for layout)

TM_STU_ALERT_INFO_TEMP (see 1.1.4.2 Outputs for layout)

Database Tables – STU, PLU_BORR, AID_OVRPMT, ALRT tables, LOAN, PELL_GRT, STU_NM

1.1.5.2 Outputs

TM_STU_ALERT

Data Element	Description	Type	Length	Mapping
ACT_BKRP T_FLAG	A flag indicating the student has a loan with an active bankruptcy status.	C	1	See Appendix Logic
AGG_CHG_ FLAG	A flag indicating a change in the Aggregate information since the student's most recent previous prescreening for the same award year or alert.	C	1	Set During Procedure
AGG_CMB N_OND_DI S	Character representation (000000 to 999999) of the total pending disbursements for the student's subsidized and unsubsidized loans. If the student has no applicable subsidized and unsubsidized loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_CMB N_TOT	Character representation (000000 to 999999) of the sum of the total outstanding principal balance for the student's subsidized and unsubsidized loans and the total pending disbursements for the student's subsidized and unsubsidized loans. If the student has no applicable subsidized and unsubsidized loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_CNLSL _TOT	Character representation (000000 to 999999) of the total outstanding principal balance for the student's consolidated loans. Note that there is no pending disbursements value for consolidated loans. If the student has no applicable consolidated loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_COM B_OPB	Character representation (000000 to 999999) of the total outstanding principal balance for the student's subsidized and unsubsidized loans. If the student has no applicable subsidized and unsubsidized loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_CON SOL_OPB	Character representation (000000 to 999999) of the total outstanding principal balance for the student's consolidated loans. If the student has no applicable consolidated loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_SUB_ OPB	Character representation (000000 to 999999) of the total outstanding principal balance for the student's subsidized loans. If the student has no applicable subsidized loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_SUB_ PEND_DIS	Character representation (000000 to 999999) of the total pending disbursements for the student's subsidized loans. If the student has no applicable subsidized loans, the value N/A will be used.	C	6	See Appendix Logic

Data Element	Description	Type	Length	Mapping
AGG_SUB_TOT	Character representation (000000 to 999999) of the sum of the total outstanding principal balance for the student's subsidized loans and the total pending disbursements for the student's subsidized loans. If the student has no applicable subsidized loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_UNSUB_OPB	Character representation (000000 to 999999) of the total outstanding principal balance for the student's unsubsidized loans. If the student has no applicable unsubsidized loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_UNSUB_PEND_DIS	Character representation (000000 to 999999) of the total pending disbursements for the student's subsidized loans. If the student has no applicable subsidized loans, the value N/A will be used.	C	6	See Appendix Logic
AGG_UNSUB_TOT	Character representation (000000 to 999999) of the sum of the total outstanding principal balance for the student's unsubsidized loans and the total pending disbursements for the student's unsubsidized loans. If the student has no applicable unsubsidized loans, the value N/A will be used.	C	6	See Appendix Logic
CR_TIMESTAMP	The system timestamp when the alert was created.	Q	10	System Timestamp
CURR_DOB	The current date of birth of the student or PLUS borrower identified in the alert.	D	4	STU.DOB or PLUS_BORR.DOB
CURR_FST_NM	The current first name of the student or PLUS borrower identified in the alert.	C	12	STU.CURR_FST_NM or PLUS_BORR.CURR_FST_NM
CURR_LST_NM	The current last name of the student or PLUS borrower identified in the alert.	C	35	STU.CURR_LST_NM or PLUS_BORR.CURR_LST_NM
CURR_SSN	The current SSN of the student or PLUS borrower identified in the alert.	C	9	STU.CURR_SSN or PLUS_BORR.CURR_SSN
DCHG_LOAN	A flag indicating the student has a loan with a discharged status.	C	1	See Appendix Logic
DEF_LOAN_FLAG	A flag indicating the student has a loan with a defaulted status.	C	1	See Appendix Logic
DL_MPN_FLAG	An A/C/I/N flag indicating the status of the student's Direct Loan Master Promissory Note. Values are Accepted-A, Closed-C, Inactive-I, none-N.	C	1	See Appendix Logic
LOAN_CHANGE_FLAG	A flag indicating a change in the Loan information since the student's most recent previous prescreening for the same award year or alert.	C	1	Set During Procedure

Data Element	Description	Type	Length	Mapping
PELL_CHG_FLAG	A flag indicating a change in the Pell information since the student's most recent previous prescreening for the same award year or alert.	C	1	Set During Procedure
PERK_CURR_YR_DIS	Character representation (000000 to 999999) of the total disbursements during the specified award year for the student's Perkins loans. If the student has no applicable Perkins loan disbursements, the value "N/A" will be used.	C	6	See Appendix Logic
PERK_TOT_DIS	Character representation (000000 to 999999) of the total disbursements for the student's Perkins loans. If the student has no applicable Perkins loans, the value N/A will be used.	C	6	See Appendix Logic
PLUS_BOR_NO	The unique identifier of a borrower.	N	4	TM_STU_ALERT_INF O_TEMP.PLUS_BOR_NO
PLUS_BOR_SEQ_NO	Designer 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	2	TM_STU_ALERT_INF O_TEMP.PLUS_BOR_SEQ_NO
SAT_ARRNG_FLAG	A flag indicating the student has a loan with a status indicating satisfactory repayment arrangements have been made.	C	1	See Appendix Logic
SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2	TM_STU_ALERT_INF O_TEMP.SCH_BR_CODE
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	TM_STU_ALERT_INF O_TEMP.SCH_CODE
STU_NO	The unique NSLDS generated identifier of a student.	N	9	TM_STU_ALERT_INF O_TEMP.STU_NO
STU_SEQ_NO	Designer added attribute that will keep the Student Number unique in cases where the value for Number is the same for two different students (It is possible for two different students to have the same SSN).	N	2	TM_STU_ALERT_INF O_TEMP.STU_SEQ_NO
TM_EVT_BEG_TSTAMP	The system timestamp when the event began.	Q	10	TM_STU_ALERT_INF O_TEMP.TM_EVT_BEG_TSTAMP
TM_STU_BEG_TSTAMP	The system timestamp when the occurrence is created.	Q	10	TM_STU_ALERT_INF O_TEMP.TM_STU_BEG_TSTAMP
TM_STU_DOB	The date of birth of the student to be monitored.	D	4	TM_STU_ALERT_INF O_TEMP.DOB
TM_STU_FST_NM	The first name of the student to be monitored.	C	12	TM_STU_ALERT_INF O_TEMP.FST_NM
TM_STU_LST_NM	The last name of the student to be monitored.	C	35	TM_STU_ALERT_INF O_TEMP.LST_NM
TM_STU_SSN	The SSN of the student to be monitored.	C	9	TM_STU_ALERT_INF O_TEMP.SSN

TM_STU_ALERT_OVRPMT

Data Element	Description	Type	Length	Mapping
AWARD_YEAR	Award year of the overpayment.	C	4	See Appendix Logic STU_BR.EFF_DT
OVRPMT_CONTACT	Contact for the overpayment.	C	8	See Appendix Logic AID_OVRPMT.SRC AID_OVRPMT.IND AID_OVRPMT.REG_CODE
OVRPMT_IND	<p><u>Pell Overpayment Indicator</u> = Y, if student has one or more Pell overpayments which has not been deferred, not been waived, and does not have satisfactory arrangements made = D, if student has one or more Pell overpayments which has been deferred = W, if student has one or more Pell overpayments which has been waived = S, if student has one or more Pell overpayments which has satisfactory arrangements made = N, if student has no Pell overpayments Note: In the case of multiple overpayments, order of precedence is Y (first), D, W, and S. Overpayments are grouped by award year.</p>	C	1	See Appendix Logic AID_OVRPMT.IND
OVRPMT_TYPE	The type of aid for which there is an overpayment. The value may be PK-for Perkins, SE-for SEOG, PE-for Pell.	C	2	AID_OVRPMT.AID_TYPE
SCH_BRANCH_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2	TM_STU_ALERT.SCH_BR_CODE
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	TM_STU_ALERT.SCH_CODE
SEQ_NO	A designer added attribute to maintain uniqueness for multiple alert overpayments for a student.	N	2	Increment for each OVRPMT for a STU_ALERT instance
TM_EVT_BEG_TIMESTAMP	The system timestamp when the event began.	Q	10	TM_STU_ALERT.TM_EVT_BEG_TIMESTAMP
TM_STU_ALERT_CR_TS	The system timestamp when the alert was created.	Q	10	TM_STU_ALERT.TM_STU_ALERT_CR_TS
TM_STU_BEG_TIMESTAMP	The system timestamp when the occurrence is created.	Q	10	TM_STU_ALERT.TM_STU_BEG_TIMESTAMP

Data Element	Description	Type	Length	Mapping
TM_STU_D OB	The date of birth of the student to be monitored.	D	4	TM_STU_ALRT.TM_ STU_DOB
TM_STU_FS T_NM	The first name of the student to be monitored.	C	12	TM_STU_ALRT.TM_ STU_FST_NM
TM_STU_LS T_NM	The last name of the student to be monitored.	C	35	TM_STU_ALRT.TM_ STU_LST_NM
TM_STU_SS N	The SSN of the student to be monitored.	C	9	TM_STU_ALRT. TM_STU_SSN

TM_STU_ALRT_LOAN

Data Element	Description	Type	Length	Mapping
ACAD_LVL	A code indicating the academic level of the student when the loan was obtained.	C	1	See Appendix Logic
ADD_UN SUB_FLAG	A flag indicating whether the applicant's loan has additional unsubsidized amount. Values are P-PLUS, H-HEAL, B-Both, N-Neither.	C	1	See Appendix Logic
CON	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	See Appendix Logic
CON_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	See Appendix Logic
CPTL_INT_ FLAG	A Y/N flag indicating whether the applicant's loan has capitalized interest included in the outstanding principal balance.	C	1	See Appendix Logic
CURR_GA_ CODE	The current guaranty agency for the loan or N/A if none.	C	3	See Appendix Logic LOAN.CURR_GA_C ODE
CURR_LEN_ CODE	The latest lender code for the loan.	C	6	LOAN.CURR_LEN_ CODE
CURR_LEN_ SVR_COD E	The latest lender servicer for the loan.	C	6	LOAN.CURR_LEN_S VR_CODE
CURR_STA T_CODE	The current status code of the loan.	C	2	LOAN.CURR_LOAN _STAT
CURR_STA T_DT	The date of the current status code of the loan.	D	8	LOAN.CURR_LOAN _STAT_DT

Data Element	Description	Type	Length	Mapping
ID_STU_SEQ_NO	Designer added attribute that will be set equal to the D_SEQUENCE_NO attribute of the originating Student when the loan is created. The addition of this attribute eliminates the possibility that the loan identifier could be reused if a loan had been archived.	N	2	LOAN.ID_STU_SEQ_NO
LOAN_CHANGE_FLAG	A flag indicating a relevant change in the loan since the applicant's most recent previous prescreening for the same award year or alert. Where: N-no change since last prescreening #-change since last prescreening	C	1	Set During Procedure
LOAN_DISAMT	The total disbursement amount for the loan.	C	6	LOAN.TOT_DIS
LOAN_DIS_DT	The latest disbursement date for the loan.	C	8	LOAN.CURR_DIS_DT
LOAN_NO	NSLDS-generated code uniquely identifying a specific loan.	N	4	LOAN.NO
LOAN_SEQ_NO	Designer added attribute that will keep the Student Number unique in cases where the value for Number is the same for two different students (It is possible for two different students to have the same SSN).	N	2	LOAN.SEQ_NO
LOAN_TYPE_CODE	The code indicating the type of loan.	C	2	LOAN.LOAN_TYPE
NET_AMT	The net amount of the loan. Calculated as the loan amount or guaranty amount minus the total cancellation amount.	N	4	See Appendix Logic
OPEID	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	Set to SCH_CODE + SCH_BR_CODE
OUT_PRINCIPAL_BAL	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	See Appendix Logic
OUT_PRINCIPAL_DT	The date of the amount of outstanding principal balance of the loan. N/A is used if the date is not known.	C	8	See Appendix Logic

Data Element	Description	Type	Length	Mapping
PER_BEG_DT	The date the enrollment period begins for the loan. N/A is used if the date is not known.	C	8	See Appendix Logic
PER_END_DT	The date the enrollment period ends for the loan. N/A is used if the date is not known.	C	8	See Appendix Logic
REV_BY_NM	First and last name of the user who reviewed the changed loan. Set to spaces if the changed loan has not been reviewed. Set to Batch if changed loan and Alert sent to school via batch. Set to N/A if not a changed loan.	C	48	See Description (spaces or Batch or N/A)
REV_DT	The date the changed loan was reviewed. Set to zero date (0001-01-01) if the changed loan has not been reviewed. Set to current date if changed loan and Alert sent to school via batch. Set to zero date (0001-01-01) if not a changed loan.	D	8	See Description (spaces or Batch or N/A)
SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2	TM_STU_ALERT.SCH_BR_CODE
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	TM_STU_ALERT.SCH_CODE
SEQ_NO	A designer added attribute to maintain uniqueness for alert loans for a student.	N	2	Increment for each new record with all other Alert key fields that are the same
TM_EVT_BEG_TSTAMP	The system timestamp when the event began.	Q	10	TM_STU_ALERT.TM_EVT_BEG_TSTAMP
TM_STU_ALERT_CR_TS	The system timestamp when the alert was created.	Q	10	TM_STU_ALERT.TM_STU_ALERT_CR_TSTAMP
TM_STU_BEG_TSTAMP	The system timestamp when the occurrence is created.	Q	10	TM_STU_ALERT.TM_STU_BEG_TSTAMP
TM_STU_DOB	The date of birth of the student to be monitored.	D	4	TM_STU_ALERT.TM_STU_DOB
TM_STU_FST_NM	The first name of the student to be monitored.	C	12	TM_STU_ALERT.TM_STU_FST_NM
TM_STU_LST_NM	The last name of the student to be monitored.	C	35	TM_STU_ALERT.TM_STU_LST_NM
TM_STU_SSN	The SSN of the student to be monitored.	C	9	TM_STU_ALERT.TM_STU_SSN

TM_STU_ALERT_PELL

Data Element	Description	Type	Length	Mapping
ACCPT_VR FY_STAT	Status code reflecting the schools verification of the applicant data.	C	3	PELL_GRT.ACTD_V ERIF_STAT
AMT_PAID _TO_DT	The amount of the Pell grant the school has disbursed to the student.	N	4	PELL_GRT.AMT_PA ID_TO_DT
AS_OF_DT	For Pell Grants prior to 2000 Award Year, this date is the date the Pell Payment was last updated in the Pell grant system. For Pell grants from 2000 and later, this is the latest disbursement date.	C	8	See Description (PELL_GRT.DIS_DT or PELL_GRT.RECD_D T)
AWARD_A MT	The award amount of the Pell grant.	N	4	PELL_GRT.AMT_PA ID_TO_DT
AWARD_Y R	Award year of the Pell grant.	C	4	PELL_GRT_AWARD _YEAR
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	PELL_GRT. EXP_FAM_CONTRIB
OPEID	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	See Appendix Logic
PCT_ELIG_ USED	The percentage of the Pell grant eligibility the student has used, in decimal format. For example, 50% will be 05000.	N	5	PELL_GRT.PCT_ELI G_USED_DECM
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 or alert. Where: N-no change since last prescreening #- change since last prescreening	C	1	Set During Procedure
PELL_GRT_ AWARD_Y R	The school year for which a Grant is to be used to fund a student's education. For grants, this is a July to July award year. NOTE: This is a nullable foreign key since Pell Grants can be deleted. As such the Pell Alert also has an AWARD_YR field that would not be nulled in the case of a deletion.	C	4	PELL_GRT.AWARD_ YR
PELL_GRT_ TYPE	Identifies the category in which a Grant falls. These include Pell, SSIG (State Student Incentive Grant), and SEOG (Supplemental Educational Opportunity Grant).	C	2	PELL_GRT.TYPE

Data Element	Description	Type	Length	Mapping
PELL_SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2	See Appendix Logic
PELL_SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	See Appendix Logic
REMN_AMT_TO_PAT	The amount of the Pell grant the school still expects to pay the student for the remainder of the award year.	N	4	PELL_GRT. REMN_AMT_TO_PAT
REV_BY_NM	First and last name of the user who reviewed the changed Pell. Set to spaces if the changed Pell has not been reviewed. Set to Batch if changed Pell and Alert sent to school via batch. Set to N/A if not a changed Pell	C	48	See Description (spaces or Batch or N/A)
REV_DT	The date the changed Pell was reviewed. Set to zero date (0001-01-01) if the changed Pell has not been reviewed. Set to current date if changed Pell and Alert sent to school via batch. Set to zero date (0001-01-01) if not a changed Pell.	D	8	See Description (spaces or Batch or N/A)
SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2	TM_STU_ALERT. SCH_BR_CODE
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	TM_STU_ALERT. SCH_CODE
SCHED_AMT	Scheduled amount of the Pell grant.	N	4	PELL_GRT. SCHED_AMT
SEQ_NO	A designer added attribute to maintain uniqueness for multiple-alert Pell grants for a student.	N	2	Increment for each new record with all other Alert key fields that are the same
STU_NO	The unique NSLDS generated identifier of a student.	N	9	TM_STU_ALERT.STU_NO
STU_SEQ_NO	Designer added attribute that will keep the Student Number unique in cases where the value for Number is the same for two different students (It is possible for two different students to have the same SSN.).	N	2	TM_STU_ALERT.STU_SEQ_NO
TM_EVT_BEG_TSTAMP	The system timestamp when the event began.	Q	10	TM_STU_ALERT.TM_EVT_BEG_TSTAMP
TM_STU_ALERT_CR_TS	The system timestamp when the alert was created.	Q	10	TM_STU_ALERT.CR_TSTAMP
TM_STU_BEG_TSTAMP	The system timestamp when the occurrence is created.	Q	10	TM_STU_ALERT.TM_STU_BEG_TSTAMP

Data Element	Description	Type	Length	Mapping
TM_STU_D OB	The date of birth of the student to be monitored.	D	4	TM_STU_ALERT.TM_ STU_DOB
TM_STU_FS T_NM	The first name of the student to be monitored.	C	12	TM_STU_ALERT.TM_ STU_FST_NM
TM_STU_LS T_NM	The last name of the student to be monitored.	C	35	TM_STU_ALERT.TM_ STU_LST_NM
TM_STU_SS N	The SSN of the student to be monitored.	C	9	TM_STU_ALERT.TM_ STU_SSN
TRAN_NO	Transaction number for the Pell grant payment.	C	2	PELL_GRT.TRAN_N O

TM_STU_ALERT_NM

Data Element	Description	Type	Length	Mapping
FST_NM	The first name of the student's historical name.	C	12	STU_NM.FST
LST_NM	The last name of the student's historical name.	C	35	STU_NM.LST
MID_INIT	The middle initial of the student's historical name. NOTE: This is always taken from the student table as history changes are only stored for first and last names.	C	1	STU.MID_INT
SCH_BR_C ODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	1	TM_STU_ALERT. SCH_BR_CODE
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	TM_STU_ALERT. SCH_CODE
SEQ_NO	A designer added attribute to maintain uniqueness for multiple alert names for a student alert.	N	2	Increment for each new record with all other Alert key fields that are the same
TM_EVT_B EG_TSTAM P	The system timestamp when the event began.	Q	10	TM_STU_ALERT. TM_EVT_BEG_TSTA MP
TM_STU_A LRT_CR_TS	The system timestamp when the alert was created.	Q	10	TM_STU_ALERT. TM_STU_ALERT_CR_ TS
TM_STU_B EG_TSTAM P	The system timestamp when the occurrence is created.	Q	10	TM_STU_ALERT. TM_STU_BEG_TSTA MP
TM_STU_D OB	The date of birth of the student to be monitored.	D	4	TM_STU_ALERT. TM_STU_DOB
TM_STU_FS T_NM	The first name of the student to be monitored.	C	12	TM_STU_ALERT. TM_STU_FST_NM

Data Element	Description	Type	Length	Mapping
TM_STU_LST_NM	The last name of the student to be monitored.	C	35	TM_STU_ALERT. TM_STU_LST_NM
TM_STU_SSN	The SSN of the student to be monitored.	C	9	TM_STU_ALERT. TM_STU_SSN

1.1.6 Computational Logic - End Transfer Monitor/Close Alert Run History

Update TM ALRT RUN HS.END Timestamp that is equal to 9999-12-31-23.59.59.999999 (default max timestamp) to the current system time when all of the Transfer Monitoring has completed

1.1.6.1 Inputs

TM_ALRT_RUN_HIS (see 1.1.4.2 Outputs for layout)

1.1.6.2 Outputs

TM_ALRT_RUN_HIS

Data Element	Description	Type	Length	Mapping
END_TSTAMP	The system timestamp when the Alert Generation process ended.	Q	10	Set to Current System Time Stamp
SCH_BR_CODE	Two-digit ED code for uniquely identifying a Branch of a School.	C	2	Set when Alert Run initiated (section 1.1.4)
SCH_CODE	Six-digit ED code for uniquely identifying a School.	C	6	Set when Alert Run initiated (section 1.1.4)
SEQ_NO	A sequence number identifying the order in which multiple Alert Generation processes took place in the same day. Starts with 1 for each school/branch each day and is incremented by 1. NOTE: seq no allows for multiple Alert Generations in the same day but to date no more than one Generation has occurred in a day	N	2	Set when Alert Run initiated (section 1.1.4)
TM_EVT_BEG_TSTAMP	The system timestamp when the event began.	Q	10	Set when Alert Run initiated (section 1.1.4)

1.2 Appendix A: Codes

1.2.1 A.1 Loan Status Codes

Code	Description
AE	Loan Transferred to New Holder
AL	Abandoned Loan
BC	Bankruptcy Claim, Discharged
BK	Bankruptcy Claim, Active
CA	Cancelled
CS	Closed School Discharge
DA	Deferred
DB	Defaulted, Then Bankrupt, Active, Chapter 13
DC	Defaulted, Compromise
DD	Defaulted, Then Died
DE	Death
DF	Defaulted, Unresolved
DI	Disability
DK	Defaulted, Then Bankrupt, Discharged, Chapter 13
DL	Defaulted, in Litigation
DN	Defaulted, Then Paid in Full By Consolidation
DO	Defaulted, Then Bankrupt, Active, Other
DP	Default, Paid in Full
DR	Defaulted, Loan Included in A Rolled-Up Loan
DS	Defaulted, Then Disabled
DT	Defaulted, Collection Terminated
DU	Defaulted, Unresolved
DW	Defaulted, Write-Off
DX	Defaulted, Six Consecutive Payments
DZ	Defaulted, Six Consecutive Payments, Then Missed Payment(s)
FB	Forbearance
FC	False Certification Discharge
IA	Loan Originated

Code	Description
ID	In School Or Grace Period
IG	In Grace Period
IM	In Military Grace
IP	In Post-Deferment Grace Period
IT	Loan Transferred by DCS
OD	Defaulted, Then Bankrupt, Discharged, Other
PC	Paid in Full Through Consolidation Loan
PF	Paid in Full
PM	Presumed Paid-in-Full
PN	Non-Defaulted, Paid in Full Through Consolidation Loan
RF	Refinanced
RH	Loan Transferred by DCS to Sallie Mae
RP	In Repayment
TG	Loan Transferred by DCS to GA927
UA	Temporarily Uninsured – No Default Claim Requested
UB	Temporarily Uninsured – Default Claim Denied
UC	Permanently Uninsured/Unreinsured – No Default Claim Requested
UD	Permanently Uninsured/Unreinsured – Default Claim Denied
UI	Unreinsured
XD	Defaulted, Six Consecutive Payments

NSLDS uses the following loan status codes to determine defaulted loans. The codes set the Defaulted Loans Flag.

- AL
- DB
- DF
- DL
- DO
- DT
- DU
- DW
- DZ

NSLDS uses the following loan status codes to determine discharged loans. The codes set the Discharged Loans Flag.

- DD
- DE
- DI
- DS

Perkins Loans with death (PD) or disability (PI) cancellations also cause the Discharged Loans Flag to be set regardless of their loan status code.

NSLDS uses the following loan status codes to determine Satisfactory Arrangements loans. The codes set the Satisfactory Arrangements Flag.

- DX
- XD

NSLDS uses the following loan status codes to determine Active Bankruptcy loans. The codes set the Active Bankruptcy Flag.

- BK
- DB
- DO

NSLDS uses the following loan status codes to determine loans to bypass or exclude from consideration when calculating the three Aggregate Outstanding Principal Balance fields:

- BC
- CA
- CS
- DC
- DD
- DE
- DI
- DK
- DN
- DP
- DR
- DS
- FC
- OD
- PC
- PF

- PM
- PN
- RF
- UC
- UD
- UI

For Student Alerts, all loans for the student are selected to display, regardless of the loan status code.

NSLDS uses the following loan status codes when determining pending disbursements.

- IA
- ID
- IG
- IM

1.2.2 A.2 Loan Type Codes

Program	Code	Description
FFEL	CL	FFEL Consolidated
	PL	FFEL PLUS
	RF	FFEL Refinanced
	SF	FFEL Stafford Sub
	SL	Supplemental Loan (SLS)
	SN	FFEL Stafford Non-Sub
	SU	FFEL Stafford Unsub
FDLP	D1	Direct Stafford Subsidized
	D2	Direct Stafford Unsubsidized
	D4	Direct PLUS
	D5	Direct Consolidated Unsub
	D6	Direct Consolidated Sub
	D7	Direct PLUS Consolidated
FISL	FI	Federally Insured (FISL)
PERKINS	DU	National Defense Loan
	EU	Perkins Expanded Lending
	IC	Income Contingent (ICL)
	NU	NDSL

Program	Code	Description
	PU	Federal Perkins

Note that type code SN is not a valid code in NSLDS. It is used only in output to represent a non-subsidized Stafford loan. SN indicates an FFEL Stafford Loan (SF) where the period begin date is prior to October 1, 1992, and the subsidy indicator is not 'Y'. SF loans not meeting these criteria retain the SF loan type code.

1.2.3 A.3 GA Codes

GA codes 974, 975, 979, 984, 985, and 989 for ED regions are treated and reported as the general ED code 555.

1.2.4 A.4 Use of N/A Code

Rather than spaces, which would be unclear, the value "N/A" is used in several situations to indicate that a field is not applicable or data is not available. When used, N/A is left justified in the field and any remaining positions are filled with spaces.

Fields in which N/A may appear are:

- Overpayment contact (Pell, FSEOG, and Perkins)
- Aggregate amounts
- Perkins disbursement amounts
- Pell As of date
- Outstanding principal balance
- Outstanding principal balance date
- Period begin date
- Period end date
- Current GA code
- Contact type
- School/Branch (OPE ID)
- Contact
- Academic Level (Grade Level)
- Accepted Verification Status
- School Branch Name

N/A is also substituted in school/branch (OPE ID) and contact fields when a code of 88888800, 88888811, or 99999900 would result. These three values are special school/branch codes used for reporting refinanced loans, consolidated loans, or for plug values when the real school/branch code is unknown.

1.3 Appendix B: Calculation Algorithms

The following algorithms are used to calculate or determine the fields specified:
See Appendix A for Flag definitions, Status Codes, Type Codes

1. Main Record (Type 1)

Defaulted Loans Flag

= Y, if student has one or more loans with one of the defaulted loan status codes
= N, otherwise

Discharged Loans Flag

= Y, if student has one or more loans with one of the discharged loan status codes or one or more Perkins loans with cancellations for death (PD) or disability (PI)
= N, otherwise

Satisfactory Arrangements Flag

= Y, if student has one or more loans with one of the satisfactory arrangements loan status codes
= N, otherwise

Active Bankruptcy Flag

= Y, if student has one or more loans with one of the active bankruptcy loan status codes
= N, otherwise

Aggregate Subsidized Outstanding Principal Balance

= Σ "determined amount",
where "determined amount" is as follows:
If loan type equals SF (subsidized), D1, or D6
and loan status does not equal one of the bypass loan status codes
If loan type equals SF (subsidized)
and LOAN DATE_ID is within the last year based on the system date
and loan status equals one of the pending disbursement loan status codes
Then
"determined amount" = the greater of LOAN
D_TOTAL_DISBURSEMENT_AMOUNT or LOAN
OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)
Else
"determined amount" = the lesser of Loan Net Amount,
OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.
= N/A, if no loans meeting criteria

Aggregate Unsubsidized Outstanding Principal Balance

= Σ "determined amount",
where "determined amount" is as follows:
If loan type equals SF (non-subsidized), SU, SL, D2, D5, or RF

and loan status does not equal one of the bypass loan status codes

If loan type equals SF (non-subsidized), SU, SL, or RF

and LOAN DATE_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN

D_TOTAL_DISBURSEMENT_AMOUNT or LOAN

OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,

OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.

= N/A, if no loans meeting criteria

Aggregate Combined Outstanding Principal Balance

= Σ “determined amount”,

where “determined amount” is as follows:

If loan type equals SF (subsidized and non-subsidized), SU, SL, D1, D2, D5, D6, or RF
and loan status does not equal one of the bypass loan status codes

If loan type equals SF (subsidized and non-subsidized), SU, SL, or RF

and LOAN DATE_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN

D_TOTAL_DISBURSEMENT_AMOUNT or LOAN

OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,

OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.

= N/A, if no loans meeting criteria

Aggregate Consolidated Outstanding Principal Balance

= Σ “determined amount”,

where “determined amount” is as follows:

If loan type equals CL

and loan status does not equal one of the bypass loan status codes

If LOAN DATE_ID is within the last year based on the system date

and loan status equals one of the pending disbursement loan status codes

Then

“determined amount” = the greater of LOAN

D_TOTAL_DISBURSEMENT_AMOUNT or LOAN

OUTSTANDING_PRINCIPAL_BALANCE (not to exceed Loan Net Amount)

Else

“determined amount” = the lessor of Loan Net Amount,

OUTSTANDING_PRINCIPAL_BALANCE, D_TOTAL_DISBURSEMENT_AMOUNT.

= N/A, if no loans meeting criteria

Aggregate Subsidized Pending Disbursement

= Σ “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes
and LOAN DATE_ID is within the last year based on the system date

If loan type equals SF (subsidized)

Then

“determined amount” = the Loan Net Amount – Aggregate Subsidized Outstanding
Principal Balance “determined amount” above (but not less than zero).

If loan type equals D1 or D6

“determined amount” = the Loan Net Amount – LOAN
D_TOTAL_DISBURSEMENT_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

Aggregate Unsubsidized Pending Disbursement

= Σ “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes
and LOAN DATE_ID is within the last year based on the system date

If loan type equals SF (non-subsidized), SU, SL, or RF

Then

“determined amount” = the Loan Net Amount – Aggregate Unsubsidized
Outstanding Principal Balance “determined amount” above (but not less than zero).

If loan type equals D2 or D5

“determined amount” = the Loan Net Amount – LOAN
D_TOTAL_DISBURSEMENT_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

Aggregate Combined Pending Disbursement

= Σ “determined amount”,

where “determined amount” is as follows:

If loan status equals one of the pending disbursement loan status codes
and LOAN DATE_ID is within the last year based on the system date

If loan type equals SF (subsidized and non-subsidized), SU, SL, or RF

Then

“determined amount” = the Loan Net Amount – Aggregate Combined Outstanding
Principal Balance “determined amount” above (but not less than zero).

If loan type equals D1, D2, D5, or D6

“determined amount” = the Loan Net Amount – LOAN
D_TOTAL_DISBURSEMENT_AMOUNT (but not less than zero).

= N/A, if no loans meeting criteria

Aggregate Subsidized Total

= Aggregate Subsidized Outstanding Principal Balance

+ Aggregate Subsidized Pending Disbursement
= N/A, if no loans meeting criteria

Aggregate Unsubsidized Total
= Aggregate Unsubsidized Outstanding Principal Balance
+ Aggregate Unsubsidized Pending Disbursement
= N/A, if no loans meeting criteria

Aggregate Combined Total
= Aggregate Combined Outstanding Principal Balance
+ Aggregate Combined Pending Disbursement
= N/A, if no loans meeting criteria

Aggregate Consolidated Total
= Aggregate Consolidated Outstanding Principal Balance
= N/A, if no loans meeting criteria

Perkins Total Disbursements
= Σ LOAN_OUTSTANDING_PRINCIPAL_BALANCE,
where loan type equals DU, EU, NU, or PU
and loan status does not equal one of the bypass loan status codes
= N/A, if no loans meeting criteria

Perkins Current Award Year Disbursements
= Σ LOAN_DISBURSEMENT_DIFFERENCE_AMOUNT,
where loan type equals DU, EU, NU, or PU
and LOAN_DISBURSEMENT_DATE is in current award year 07-01-20XX through 06-30-20XX
(for the current Award Year 2002/2003 the values are 07-01-2002 through 06-30-2003)
= N/A, if no loans meeting criteria

For a given loan, sum LOAN_DISBURSEMENT_DIFFERENCE_AMOUNTs by date and limit the sum to a minimum of zero as each difference amount is added to the sum.

DL MPN Flag
= A, if student has a Direct Loan with a Master Promissory Note in Accepted status
= I, if student has a Direct Loan with a Master Promissory Note in Inactive status
= C, if student has a Direct Loan with a Master Promissory Note in Closed status
= N, if student has no Direct Loans with a Master Promissory Note
Note: In the case of multiple DL Master Promissory Notes, order of precedence is A (first), I, and C.

2. Overpayment Record (Type 3)

Award Year

Derived using the enrollment begin date. The AID_OVRPMT table has foreign keys connecting it to the STU_BR table. The EFF_DT in the STU_BR table is the student's enrollment begin date. This date is a Calendar year date and must be converted to Award Year.

If the EFF_DT month is January through June then set the Award Year equal to the EFF_DT year.

If the EFF_DT is July through December set the Award Year equal to the EFF_DT year +1.

Pell Overpayment Indicator (read AID_OVRPMT.OVRPMT_IND)

= Y, if student has one or more Pell overpayments which has not been deferred, not been waived, and does not have satisfactory arrangements made

= D, if student has one or more Pell overpayments which has been deferred

= W, if student has one or more Pell overpayments which has been waived

= S, if student has one or more Pell overpayments which has satisfactory arrangements made

= N, if student has no Pell overpayments

Note: In the case of multiple overpayments, order of precedence is Y (first), D, W, and S.

Overpayments are grouped by award year.

Pell Overpayment Contact (read AID_OVRPMT.AID_TYPE to see if 'PE')

= N/A, if student has no Pell overpayments

= 05, if student has one Pell overpayment and overpayment source is EDR and region code is not 04, 05, or 09

= ED region, if student has one Pell overpayment and overpayment source (SRC) is EDR and region code is 04, 05, or 09

= school OPE ID, if student has one Pell overpayment and overpayment source is not EDR

= Y, if student has more than one Pell overpayment

FSEOG Overpayment Indicator

Same as Pell Overpayment Indicator except for FSEOG overpayments

FSEOG Overpayment Contact

Same as Pell Overpayment Contact except for FSEOG overpayments

Perkins Overpayment Indicator

Same as Pell Overpayment Indicator except for Perkins overpayments

Perkins Overpayment Contact

Same as Pell Overpayment Contact except for Perkins overpayments

3. Pell Payment Record (Type 4)

Pell information is selected for Pell grants:

where PELL_GRANT TYPE = 'PE'

and PELL_GRANT AWARD_YEAR = current award year

and (PELL_GRANT AMOUNT_PAID_TO_DATE > 0

or PELL_GRANT REMAINING_AMT_TO_PAY > 0)

The current award year is determined based on the system date.

OPE ID, School Code, and School Branch Code (PELL_GRT table)

- = reporting school code (RPT_SCH_CODE)/reporting school branch code (RPT_SCH_BR_CODE), if present
- = attending school code (ATT_SCH_CODE)/attending school branch code (ATT_SCH_BR_CODE), otherwise

4. Loan Detail Record (Type 5)

Net Amount

- = LOAN AMOUNT - LOAN D_TOTAL_CANCELLATION_AMOUNT
- Limited to a minimum of zero.

Outstanding Principal Balance and Outstanding Principal Balance Date

Outstanding Principal Balance and Outstanding Principal Balance Date values are derived as indicated in the following table.

Outstanding Principal Balance in NSLDS	Outstanding Principal Balance Date in NSLDS	Outstanding Principal Balance Output	Outstanding Principal Balance Date Output
Zero	zero date ('0001-01-01' in database)	N/A	N/A
Zero	plug date ('1900-01-01' in database)	zero	N/A
zero	not zero date ('0001-01-01' in database) and not plug date ('1900-01-01' in database)	zero	Outstanding Principal Balance Date from NSLDS
not zero	zero date ('0001-01-01' in database) or plug date ('1900-01-01' in database)	Outstanding Principal Balance from NSLDS LOAN	N/A
not zero	not zero date ('0001-01-01' in database) and not plug date ('1900-01-01' in database)	Outstanding Principal Balance from NSLDS LOAN	Outstanding Principal Balance Date from NSLDS

Period Begin Date

- = N/A, if LOAN PERIOD_BEGIN_DATE = zero date ('0001-01-01' in database)
- = LOAN PERIOD_BEGIN_DATE, otherwise

Period End Date

= N/A, if LOAN PERIOD_END_DATE = zero date ('0001-01-01' in database)
= LOAN PERIOD_END_DATE, otherwise

Current GA Code

= N/A, if none (spaces)
= LOAN D_CURRENT_GA_CODE, otherwise

Contact and Contact Type

Contact and contact type are determined using the following logic.

For FFEL loans:

Set Contact to N/A (default value)
Set Contact Type to N/A (default value)

If LOAN D_CURRENT_GA_CODE IS 555

 If LOAN ED_FFEL_REGION_CODE is 04, 05, or 09
 Set Contact to LOAN ED_FFEL_REGION_CODE
 Set Contact Type to EDR

 Else

 Set Contact to 05
 Set Contact Type to EDR

 End-If

Else

 If LOAN D_CURRENT_STATUS_CODE is one of the defaulted status codes

 If LOAN D_CURRENT_GA_CODE is not spaces
 Set Contact to LOAN D_CURRENT_GA_CODE
 Set Contact Type to GA

 End-If

 Else

 If LOAN D_CURRENT_LENDER_SERVICER_ID is not spaces and not zeros
 Set Contact to LOAN D_CURRENT_LENDER_SERVICER_ID
 Set Contact Type to LNS

 Else

 If LOAN D_CURRENT_LENDER_CODE is not spaces and not zeros
 Set Contact to LOAN D_CURRENT_LENDER_CODE
 Set Contact Type to LEN

 End-If

 End-If

 End-If

End-If

For FDLP loans:

Set Contact to N/A (default value)
Set Contact Type to N/A (default value)

If LOAN D_CURRENT_GA_CODE IS 555

 If LOAN ED_FFEL_REGION_CODE is 04, 05, or 09
 Set Contact to LOAN ED_FFEL_REGION_CODE
 Set Contact Type to EDR

 Else
 Set Contact to 05
 Set Contact Type to EDR

 End-If

Else

 Concatenate the current responsible FDSL_P_SERVICER CODE and
 FDSL_P_SERVICER_BRANCH CODE
 Set Contact to the concatenated value
 Set Contact Type to DLS

End-If

For Perkins and FISL loans:

Set Contact to N/A (default value)
Set Contact Type to N/A (default value)

If LOAN D_CURRENT_GA_CODE IS 555

 If LOAN ED_FFEL_REGION_CODE is 04, 05, or 09
 Set Contact to LOAN ED_FFEL_REGION_CODE
 Set Contact Type to EDR

 Else
 Set Contact to 05
 Set Contact Type to EDR

 End-If

Else

 Concatenate the associated SCHOOL CODE and SCHOOL_BRANCH CODE
 Set Contact to the concatenated value
 Set Contact Type to SCH

End-If

Academic Level

= N, if none (space or N) for FAT batch
= LOAN ACADEMIC_LEVEL, otherwise

Additional Unsubsidized Flag

- = B, if both LOAN_ORIGINATION_SUPPORT ADDITIONAL_PLUS_DENIAL_INDICATOR and LOAN_ORIGINATION_SUPPORT ADDITIONAL_HEALTH_PROF_INDICATOR are Y
- = P, if LOAN_ORIGINATION_SUPPORT ADDITIONAL_PLUS_DENIAL_INDICATOR is Y and LOAN_ORIGINATION_SUPPORT ADDITIONAL_HEALTH_PROF_INDICATOR is not Y
- = H, if LOAN_ORIGINATION_SUPPORT ADDITIONAL_PLUS_DENIAL_INDICATOR is not Y and LOAN_ORIGINATION_SUPPORT ADDITIONAL_HEALTH_PROF_INDICATOR is Y
- = N, otherwise

Capitalized Interest Flag

- = Y, if LOAN_OUTSTANDING_PRINCIPAL_BALANCE > Loan Net Amount
- = N, otherwise

1.4 Appendix C: Student/Borrower Match Criteria

NSLDS Match Criteria	First Name (FN)	Last Name (LN)	Date of Birth (DOB)
Step 1 Relaxed FN and DOB match.	3 of first 4 characters of FN on input record (excluding punctuation marks and spaces) match 3 of first 4 characters of FN (excluding punctuation marks and spaces) in system (current or history) (Note: Names with less than 3 characters would need exact match.); or alias matches exactly.	N/A	<ol style="list-style-type: none"> 1. Year matches exactly. 2. Year matches plus or minus one, with month matching exactly. 3. Year matches plus or minus 10, with month and day matching exactly. 4. Input DOB is real and system DOB is a plug date (see list below).
Step 2 Transposed FN and LN with relaxed DOB match.	N/A	3 of first 4 characters of LN on input record (excluding punctuation marks and spaces) match 3 of first 4 characters of FN (excluding punctuation marks and spaces) in system (current or history).	<ol style="list-style-type: none"> 1. Year matches exactly. 2. Year matches plus or minus one, with month matching exactly. 3. Year matches plus or minus 10, with month and day matching exactly. 4. Input DOB is real and system DOB is a plug date (see list below).
Step 3 Match on First Initial of FN when system FN is only an initial and no other FNs exist in system.	Input FN begins with same letter as system FI (a name that is an initial only or an initial followed by only a period (no FN in history); or alias matches exactly. (Note: FI in system followed by a comma is not accepted.)	N/A	Exact match and is not a plug date. (Note: If both input and system have same plug date, this is considered an exact match.)

NSLDS Match Criteria	First Name (FN)	Last Name (LN)	Date of Birth (DOB)
Step 4 Match on First Initial and part of LN with relaxed DOB match.	First character of FN matches first character of FN or FI (current or history).	5 of first 7 characters of LN (excluding punctuation marks and spaces) match 5 of first 7 characters of LN (excluding punctuation marks and spaces) in system (current or history). (Note: If less than 5 characters, all characters must match.)	<ol style="list-style-type: none"> 1. Year matches exactly. 2. Year matches plus or minus one, with month matching exactly. 3. Year matches plus or minus 10, with month and day matching exactly. 4. Input DOB is real and system DOB is a plug date. 5. For loans or grants made before 1-1-1997, input DOB is plug date and system DOB is a real date.
Step 5 Match using student SSN to identify the student, a single loan or grant is found using the non-student related identifiers and this loan or grant was last reported on by the current provider.	N/A	N/A	N/A

Notes:

1. Possible plug DOBs are 19000101, 18991231, 18581117, 19581117, 19040404, 19600101.
2. When matching three of the first four characters in FN or five of the first seven characters in LN, the letters must match in the same sequence. For example, Nary and Mary would match as “ary” is in the same sequential order. Maty and Mary would also match as “may” is in the same sequential order.
3. If a PLUS Loan is found via the non-PLUS identifiers, only the PLUS borrower SSN is used to identify the PLUS borrower associated to the loan. Only in cases of a new loan or a new PLUS borrower SSN being provided are steps 1 through 4 applied to the PLUS borrower.

Match Results Indicator

- = 1, if the applicant information uniquely matches a student or parent borrower and relevant aid information is returned. Once a prescreening for an applicant (identified by SSN, name, and DOB) gets a match result of 1, all later prescreening uniquely matching the applicant will return a match result of 1.
- = 2, if the applicant SSN matches a student or parent borrower SSN but is not uniquely confirmed by name or DOB
- = 3, if the applicant SSN matches no student or parent borrower or the applicant SSN matches a student or parent borrower historical SSN but is not uniquely confirmed by name or DOB
- = 4, if the applicant information uniquely matches a student or parent borrower but no relevant aid information is returned otherwise

1.5 Appendix D: Sample Legacy NSLDS Email Alert Notification Text

For schools set up for Web Alerts Only:

Subject Line: Transfer Monitoring Alert from NSLDS

NOTICE:

An Alert has been generated for one or more students on your institution's Transfer Monitoring list. Please access www.NLSDFSAP.ed.gov to review.

Do not respond to this address – this mailbox is not monitored. If you have any questions regarding this e-mail, please call the NSLDS Customer Service Center at ###-###-#### or e-mail them at *email address*

Thank you.

For schools set up for Web and Batch Alerts with message class TRALRPOP:

Subject Line: Transfer Monitoring Alert from NSLDS

NOTICE:

An Alert has been generated for one or more students on your institution's Transfer Monitoring list. Please download the Alert file, message class TRALRPOP, from your TIV WAN mailbox to review. You may also review your entire Monitoring Alert list at www.NLSDFSAP.ed.gov

Do not respond to this address – this mailbox is not monitored. If you have any questions regarding this e-mail, please call the NSLDS Customer Service Center at ###-###-#### or e-mail them at *email address*

Thank you.

For schools set up for Web and Batch Alerts with message class TRLTRPOP:

Subject Line: Transfer Monitoring Alert from NSLDS

NOTICE:

An Alert has been generated for one or more students on your institution's Transfer Monitoring list. Please download the Alert file, message class TRLTRPOP, from your TIV WAN mailbox to review. You may also review your entire Monitoring Alert list at www.NLSDFSAP.ed.gov

Do not respond to this address – this mailbox is not monitored. If you have any questions regarding this e-mail, please call the NSLDS Customer Service Center at ###-###-#### or e-mail them at *email address*

Thank you.