



Banner Financial Aid Release Guide

Release 8.30 and 9.3.4
August 2017

Notices

© 2017 Ellucian.

Contains confidential and proprietary information of Ellucian and its subsidiaries. Use of these materials is limited to Ellucian licensees, and is subject to the terms and conditions of one or more written license agreements between Ellucian and the licensee in question.

In preparing and providing this publication, Ellucian is not rendering legal, accounting, or other similar professional services. Ellucian makes no claims that an institution's use of this publication or the software for which it is provided will guarantee compliance with applicable federal or state laws, rules, or regulations. Each organization should seek legal, accounting, and other similar professional services from competent providers of the organization's own choosing.

Ellucian
2003 Edmund Halley Drive
Reston, VA 20191
United States of America

Contents

Introduction.....	5
Ellucian Solution Manager for product upgrade installation.....	6
System Requirements.....	7
Supporting resources.....	8
Functional.....	9
2018/2019 College Scholarship Service (CSS) PROFILE - Functional.....	9
New pages.....	9
2018-2019 Applicant Override (RNAOV19).....	9
Key block.....	9
Navigation frame and options menu.....	9
2018-2019 Need Analysis Processing (RNAPR19).....	10
Key block.....	10
Navigation frame and options menu.....	10
Biographic Data section.....	10
Income and Benefits section.....	10
Expenses section.....	11
Assets section.....	11
2018-2019 Need Analysis Result (RNARS19).....	12
Key block.....	12
Navigation frame and options menu.....	12
2018-2019 Supplemental Need Analysis (RNASU19).....	12
Key block.....	12
Navigation frame and options menu.....	12
Main window.....	13
Additional Supplemental Data window.....	13
Parent and Family Supplemental Data window.....	14
2018-2019 Need Analysis Global Policy Options Rules (RNRGL19).....	16
Financial Aid Object Library (ROQLLIB).....	16
Financial Aid PL/SQL Library (ROQLPLS).....	16
Changed pages.....	16
Changed menus.....	17
New processes.....	17
2018-2019 FA CSS Dataload Pt 1 (RCPCT19).....	17
Processing and logic updates.....	18
2018-2019 FA Dataload Part 3 (RCRTP19).....	18
Processing and logic updates.....	19
Changed process.....	19
IM to FM Copy process (rcpimfm.pc).....	19

Functional Miscellaneous Enhancements.....	21
Changed process.....	21
Direct Loan Fee Change Process (RLPDLFC).....	21
Processing notes.....	22
Technical.....	25
2018/2019 College Scholarship Service (CSS) PROFILE.....	25
Changed tables.....	25
New package.....	27
Changed packages.....	27
RB_TEMP_APP_P1 package.....	27
RB_TEMP_APP_P3 package.....	28
RB_TEMP_APP_P4 package.....	28
RB_TEMP_CSS_DATA package.....	28
Changed database triggers.....	29
New views.....	31
Required data.....	31
Obsolete objects.....	34
Obsolete C processes.....	34
Obsolete COBOL objects.....	34
Obsolete copybooks.....	36
Obsolete dbprocs.....	37
Obsolete Java objects.....	38
Obsolete pages.....	38
Obsolete views.....	39
Delete scripts.....	39
Resolutions.....	41

Introduction

The Banner Financial Aid 8.30/9.3.4 release describes recent enhancements and references to a detailed listing of resolved Change Request defects/enhancements.

Note: With the exception of some version specific terminology (form vs. page, tab vs. section, etc.), this Release Guide describes both Banner Financial Aid 8.x and 9.x implementations.

This release describes changes needed to support key enhancements and CR Defect resolutions. Enhancements include the following:

- 2018/2019 College Scholarship Service (CSS) PROFILE updates
- Functional Miscellaneous Enhancement - Changed Process - Direct Loan Fee Change Process (RLPDLFC)

Cumulative documentation and patches

This document provides detailed information about the Banner Financial Aid 8.30/9.3.4 release. Banner Financial Aid 8.30/9.3.4 is a cumulative release that includes details for:

- Functionality associated with the Banner Financial Aid 8.29.1/9.3.3 interim release
- Patches delivered after Banner Financial Aid 8.29/9.3.2

Ellucian Solution Manager for product upgrade installation

Ellucian recommends that you use Ellucian Solution Manager to perform Banner product upgrades, rather than using a manual installation process.

With Ellucian Solution Manager, you can:

- Identify dependency information within and between products.
- View the latest version numbers for the Banner products you have installed, along with all other version numbers installed in your environment.
- Use the **Get New Releases** feature to identify available upgrades and download them immediately.
- Identify and install product pre-requisites, along with any upgrades you have selected.

Solution Manager currently supports most Banner 8 and Banner 9 products. For more information on the Banner product versions currently supported by Solution Manager, see the *Banner Upgrades Support Status* guide. For detailed instructions on how to install and configure Solution Manager, see the latest *Solution Manager User Guide*.

System Requirements

The Banner Financial Aid 8.30/9.3.4 release supports the baseline and localized versions of the application.

Please refer to the *Banner Administrative Pages Installation Guide 9.3.6* and the *Banner Financial Aid 9.3.4 Installation Reference* for the minimum system requirements.

Supporting resources

You can reference additional resources for more information about Banner 9 and the Financial Aid 9.3.4 release.

- *Banner Administrative Pages Installation Guide 9.3.6*

In addition to installation instructions, this installation guide provides information about how to configure the user interface. You can find this installation guide in the Banner Financial Aid documentation library in the Ellucian Support Center.

- Installation References

Each release package is accompanied by an installation reference, which is a companion to the *Banner Administrative Pages Installation Guide 9.3.6* and provides a list of prerequisites. The installation references for the Banner Financial Aid base and localization release packages are available in Ellucian Solution Manager and in the Banner Financial Aid documentation library in the Ellucian Support Center.

- *Banner Financial Aid Release Guide 8.30/9.3.4.*

This release guide provides an overview of the Banner Financial Aid 8.30/9.3.4 release. You can find this release guide in the Banner Financial Aid documentation library in the Ellucian Support Center.

- *Banner 9 Sizing and Configuration Guide*

This guide provides you with details about the hardware systems that are required for Banner 9 applications and how to configure those systems. You can find this guide in the Banner 9 Sizing and Configuration documentation library in the Ellucian Support Center.

- *Application Navigator Installation Guide*

This guide provides an overview of the purpose of Application Navigator and how it works. You can find this guide in the Banner Financial Aid documentation library in the Ellucian Support Center.

- *Banner Document Management Supplement for Banner 9 Pages*

This guide provides information about the Banner Document Management (BDM) integration when accessing either ApplicationXtender Web Access or ApplicationXtender Document Manager from a Banner 9 page. It also provides information regarding some of the known differences with the BDM integration in relationship to Banner 8 forms integration. You can find this supplement in the Banner Document Management documentation library in the Ellucian Support Center.

- You can find the following guides in the Banner 9 documentation library in the Ellucian Support Center.

- *Banner Transformed: Getting Started with Your Administrative Application*
- *Banner Transformed: Branding Your Administrative Application*
- *Banner Transformed: Working with Eclipse and Your Administrative Application*
- *Banner Transformed: Extending Your Administrative Application*

Functional

This section describes changes to functional processing for this release.

2018/2019 College Scholarship Service (CSS) PROFILE - Functional

This section describes changes to CSS PROFILE for this release.

New pages

A number of new pages have been included for the Banner Financial Aid 8.30/9.3.4 release.

2018-2019 Applicant Override (RNAOV19)

The new **2018-2019 Applicant Override (RNAOV19)** is a copy from the **2017-2018 Applicant Override (RNAOV18)** and has been modified for 2018/2019.

Key block

The hard-coded aid year has been changed to 1819.

Navigation frame and options menu

Year-specific links have been updated to the 2018/2019 pages or processes.

- Process Need Analysis calls RNAPR19.
- Need Analysis Results calls RNARS19.
- Need Analysis (RNANA19) link included but not active for this release.
- Calculate Need link included but not active for this release.

2018-2019 Need Analysis Processing (RNAPR19)

The new **2018-2019 Need Analysis Processing (RNAPR19)** is a copy from the **2017-2018 Need Analysis Processing (RNAPR18)** and has been modified for 2018/2019.

Key block

The hard-coded aid year has been changed to 1819.

Navigation frame and options menu

Year-specific links have been updated for the 2018/2019 pages or processes.

- Supplemental Need Analysis calls RNASU19.
- Need Analysis Results calls RNARS19.
- Applicant Override calls RNAOV19.
- Need Analysis (RNANA19) link and Copy FM to IM functionality is included but not active for this release.
- Calculate Need link included but not active for this release.

Biographic Data section

Fields have been adjusted and removed in this section.

Need Analysis processing information

Changes are found in the **Application Type** field:

Field	Description
Application Type	The field's autohint has been updated to display: 1. Domestic 2. Canadian 3. International.

The following fields have been removed from this section for this release:

- Lowest Income Filer (IM Student)
- Lowest Income Filer Comment (IM)

The **Marital Status** field's available values have changed.

Income and Benefits section

Fields have been added and removed in this section.

The following fields have been added to this section:

- Child Support Received for Student (IM Parent and Comment)
- Medicaid (IM Parent, IM Student, and Comment)
- SSI (IM Parent, IM Student, and Comment)

The **Adopted After 13 - IM Student** field has been removed from this section.

Expenses section

Fields have been added in this section.

The following IM Parent fields have been added to this section:

- Child Support End Date (Month)
- Child Support End Date (Year)
- Child Support End Date (Comment)

Assets section

Fields have been added, adjusted, and removed in this section.

The following fields have been added to this section:

- Farm Worth (IM Student)
- Farm Owed (IM Student)
- Number of Real Estates Owned (IM Parent and Comment)

The following fields are included for this release:

Field	Description
Business Worth	<p>This field was previously labeled Business Worth (Student Business and Family).</p> <ul style="list-style-type: none"> • The field's IM Parent autohint has been updated to display: Parent's Business Value. • The field's IM Student autohint has been updated to display: Student Business Value.
Business Owed	<p>This field was previously labeled Business Owed (Student Business and Family).</p> <ul style="list-style-type: none"> • The field's IM Parent autohint has been updated to display: Parent's Business Debt. • The field's IM Student autohint has been updated to display: Student Business Debt.

The following fields have been removed from this section:

- Investment Owed (IM Parent, IM Student, and Comment)

-
- Own Business or Self Employed (IM Parent, IM Student, and Comment)
 - Year Purchased (IM Parent and Comment)
 - Purchase Price (IM Parent and Comment)

2018-2019 Need Analysis Result (RNARS19)

The new **2018-2019 Need Analysis Result (RNARS19)** is a copy from the **2017-2018 Need Analysis Result (RNARS18)** and has been modified for 2018/2019.

Key block

The hard-coded aid year has been changed to 1819.

Navigation frame and options menu

Year-specific links have been updated to the 2018/2019 pages or processes.

- Supplemental Need Analysis calls RNASU19.
- Process Need Analysis calls RNAPR19.
- Need Analysis (RNANA19) link included but not active for this release.

2018-2019 Supplemental Need Analysis (RNASU19)

The new **2018-2019 Supplemental Need Analysis (RNASU19)** is a copy from the **2017-2018 Supplemental Need Analysis (RNASU18)** and has been modified for 2018/2019.

Key block

The hard-coded aid year has been changed to 1819.

Navigation frame and options menu

Year-specific links have been updated to the 2018/2019 pages or processes.

- Process Need Analysis calls RNAPR19.
- Need Analysis Results calls RNARS19.
- Applicant Override calls RNAOV19.
- Need Analysis (RNANA19) link included but not active for this release.
- Calculate Need link included but not active for this release.

Main window

Fields have been added and adjusted in this window.

Data section

Changes are found in the **Application Type** field:

Field	Description
Application Type	The field's autohint has been updated to display: 1. Domestic 2. Canadian 3. International.

The **Marital Status** field's available values have changed and the **International Home Phone** field's validation has been updated.

Additionally, the **CSS Lifetime ID** field has been added for this release.

Application Information section

The **College Added** field has been added for this release.

The following field has been updated for this release:

Field	Description
Submitted to Processor	This field was previously labeled Received by Processor. The field's IM Parent autohint has been updated to display: Subm to Proc; enter date appl. Was subm to processor (format DD-MON-YYY).

Additional Supplemental Data window

Fields have been added, adjusted, and removed in this section.

Additions

The following fields have been added to this window:

- Admission Type
- Transfer Student
- EFM Orphan or Ward of Court

Adjustments

The **Orphan or Ward of Court** field's name has been updated to **IM Orphan or Ward of Court**.

The **Financial Aid Status** field has been updated to New or Renewal.

Removed

The following fields have been removed from this window:

-
- CSS College (1 - 10)
 - College Name (1 - 10)
 - Housing (1 - 10)

Parent and Family Supplemental Data window

Fields have been added, adjusted, and removed in this window.

Main section

The following fields have been added for this release:

- Non-Custodial Parent Last Name
- Non-Custodial Parent First Name
- HHB Indicated
- Non-Custodial Parent Agreement
- Parent 1 E-mail
- Parent 2 E-mail
- Year of Marriage

The following fields have been removed:

- Parent Lived with Most
- Parent Provided Most Support
- Remarriage Date
- Parent's E-Mail
- Non-Custodial Parent Name

Parent Information section

This section's heading name was updated to Parent Information. The following fields have been added for this release:

- Last (Parent 1 and Parent 2)
- First (Parent 1 and Parent 2)
- Age (Parent 1 and Parent 2)

The following fields have been moved to this section from other areas of the page for this release. The **Relationship** fields (Parent 1 and Parent 2) were moved from the Parent Employment Information section. The **Education** fields (Parent 1 and Parent 2) were moved from the Parent Education Information section.

Field	Description
Relationship (Parent 1)	This field was previously labeled Type (Parent 1) and was moved from the Parent Employment Information section to the Parent Information section.
Relationship (Parent 2)	This field was previously labeled Type (Parent 2) and was moved from the Parent Employment Information section to the Parent Information section.
Education (Parent 1)	This field was previously labeled Parent 1 and was moved from the Parent Education Information section to the Parent Information section.
Education (Parent 2)	This field was previously labeled Parent 2 and was moved from the Parent Education Information section to the Parent Information section.

Parent Employment Information section

The following fields have been added for this release:

- Self-Employed (Parent 1 and Parent 2)
- Unemployed (Parent 1 and Parent 2)

Note: The section's **Type** field (Parent 1 and Parent 2) has been moved to the Parent Information section and renamed **Relationship** (Parent 1 and Parent 2).

Family Members

The following fields have been added for this release:

- Last (Family Members)
- First (Family Members)

The **Family Members, Name** column has been removed and replaced with two new columns, **Last** and **First**.

The former **Parent 1** and **Parent 2** labels have been replaced by the **Family Member** label. Additionally, the former **Other Family Member Name** fields have been replaced with the **Family Member** label.

The **Relationship** column's values for the two rows formerly known as **Parent 1** and **Parent 2** have also been updated to include all available Relationship options.

Finally, the **Attend** column's options have been changed to remove the N=No, will not attend option.

2018-2019 Need Analysis Global Policy Options Rules (RNRGL19)

The new **2018-2019 Need Analysis Global Policy Options Rules (RNRGL19)** is a copy from the **2017-2018 Need Analysis Global Policy Options Rules (RNRGL18)** and has been modified for 2018/2019.

The page's hard-coded aid year has been changed to 1819.

Financial Aid Object Library (ROQLLIB)

The new **Financial Aid Object Library (ROQLLIB)** is provided for the 9.3.4 release.

This Banner 9 only version of the library will be used as reference for future updates (aid year 2018/2019 and beyond).

Note: The ROQOLIB version of the library remains active and available for other Banner products that make use of common libraries.

Financial Aid PL/SQL Library (ROQLPLS)

The new **Financial Aid PL/SQL Library (ROQLPLS)** is provided specifically for the 9.3.4 release.

This Banner 9 only version of the library will be used as reference for all current and future aid year updates (2018/2019 and beyond). New fields are included to support 2018/2019 College Scholarship Service (CSS) Profile features.

Note: The ROQRPLS version of the library remains active and available for other Banner products that make use of common libraries.

Changed pages

Two page related objects have been included for the Banner Financial Aid 8.30/9.3.4 release.

Financial Aid PL/SQL Library (ROQRPLS)

The ROQRPLS library (used by RNAPR19) has been updated to support a series of new fields associated with 2018/2019 College Scholarship Service (CSS) Profile features.

RNINAIQ

The CSS values for the student's marital status has changed for 2018/2019. RNINAIQ was updated to and will use a translated value from ROIMVAL for the value displayed in **Student Marital Status** and **Parent Marital Status**.

Changed menus

A number of menu updates have been included for the Banner Financial Aid 8.30/9.3.4 release.

The following Banner Financial Aid menus have been updated for this release:

- 2018-2019 Applicant Processing (*RESAPPL19)
- 2018-2019 Need Analysis Menu (*RESNEED19)
- Applicant Processing (*RESAPPL)
- Need Analysis (*RESNEED)

New processes

New processes have been included with the 8.30/9.3.4 release.

2018-2019 FA CSS Dataload Pt 1 (RCPCT19)

The new **2018-2019 FA CSS Dataload Pt 1 (RCPCT19)** process is a copy of the **2017-2018 FA CSS Dataload Pt 1 (RCPCT18)** process, updated for Aid Year 2018/2019.

Note: RCPCT19 has been added to the **GORFEOB** page, excluding the process from VBS FGAC.

The following parameters have been updated:

Parameter	Description	Value
01 Aid Year Code for 2018/2019	This must be the aid year code for the 2018/2019 school year. Required Single Length = 4 Type = Character	ROIADY Validation: ROBINST_EQUAL_AIDY_ ACTIVE
09 Parent 1 Email Address Type	Which parent 1 email address type should be created. Optional Single Length = 4 Type = Character	GTVEMAL

Note: Parameters 2 – 8 remain unchanged for 2018/2019 aid year processing.

Processing and logic updates

CSS reporting layout for both custodial parent and non-custodial parent (NCP) applications are the same for the 2018/2019 aid year.

College Board identifies the custodial parent application as HHA (custodial household) and non-custodial parent application as HHB (non-custodial Household). By design, Banner Financial Aid processes only those files that begin with HHA.

HHA (Custodial Parent)

HHA file names are:

- HHA_Dom_SchoolCode_SequenceNumber_YYYY.zip
- HHA_Can_SchoolCode_SequenceNumber_YYYY.zip
- HHA_Int_SchoolCode_SequenceNumber_YYYY.zip

Before uploading HHA files to Banner for processing, file names must use the following format, as used in previous years: YYYYcssd.xml.

HHB (Non-custodial Parent)

HHB file names are:

- HHB_Dom_SchoolCode_SequenceNumber_YYYY.zip
- HHB_Can_SchoolCode_SequenceNumber_YYYY.zip
- HHB_Int_SchoolCode_SequenceNumber_YYYY.zip

HHB files (NCP files), are not supported or processed by Banner Financial Aid.

XML tags

Processing for the 2018/2019 aid year requires a series of new XML tags. These XML tags are mapped accordingly.

Additionally, for various reasons, (no longer required, superseded, split like "first name"/"last name", etc.) a number of XML tags have been removed for the 2018/2019 aid year.

2018-2019 FA Dataload Part 3 (RCRTP19)

The new **2018-2019 FA Dataload Part 3 (RCRTP19)** process is a copy of the **2017-2018 FA CSS Dataload Part 3 (RCRTP18)** process, updated for Aid Year 2018/2019.

Note: RCRTP19 has been added to the **GORFEOB** page, excluding the process from VBS FGAC.

This release changes processing for the following parameters.

Parameter	Description	Value
01	This must be the aid year code for the 2018/2019 school year.	ROIADY

Parameter	Description	Value
Aid Year Code for 2018/2019	Required Single Length = 4 Type = Character	Validation: ROBINST_EQUAL_AIDY_ ACTIVE

Parameters 2 – 21 will remain unchanged for 2018/2019 aid year processing.

Processing and logic updates

The process and logic has been updated to load data (from new and existing columns) into the appropriate permanent tables for the 2018/2019 aid year.

Additionally, for various reasons, (no longer required, superseded, etc.) a number of columns have been removed for the 2018/2019 aid year.

Changed process

A single process has been changed for the 8.30/9.3.4 release.

IM to FM Copy process (rcpimfm.pc)

Fields and columns have been added to the **rcpimfm.pc** process for this release which updates all unique IM fields to the current FM record.

New fields

- RCRAPP1_ADD_COLL_DATE
- RCRAPP1_BUS_DEBT
- RCRAPP1_BUS_VAL
- RCRAPP1_FARM_DEBT
- RCRAPP1_FARM_VAL
- RCRAPP1_MEDICAID
- RCRAPP1_PAR_CHILD_SUPP_STU
- RCRAPP1_PAR_MEDICAID
- RCRAPP3_PAR_CHILD_SUPP_END_MO
- RCRAPP3_PAR_CHILD_SUPP_END_YR
- RCRAPP3_PAR_REAL_ESTATE_NO
- RCRAPP4_CSS_LIFE_ID_NO
- RCRAPP4_PAR1_FIRST_NAME

-
- RCRAPP4_PAR1_LAST_NAME
 - RCRAPP4_PAR1_SELF_EMPLOYED
 - RCRAPP4_PAR1_UNEMPLOYED
 - RCRAPP4_PAR2_FIRST_NAME
 - RCRAPP4_PAR2_LAST_NAME
 - RCRAPP4_PAR2_SELF_EMPLOYED
 - RCRAPP4_PAR2_UNEMPLOYED

New columns

- RCRIMP1_ADM_TYPE
- RCRIMP1_EFM_WARD_OF_COURT
- RCRIMP1_HHB
- RCRIMP1_HOUSEHOLD_TYPE
- RCRIMP1_LINE2_FIRST_NAME
- RCRIMP1_LINE2_LAST_NAME
- RCRIMP1_LINE3_FIRST_NAME
- RCRIMP1_LINE3_LAST_NAME
- RCRIMP1_LINE4_FIRST_NAME
- RCRIMP1_LINE4_LAST_NAME
- RCRIMP1_LINE5_FIRST_NAME
- RCRIMP1_LINE5_LAST_NAME
- RCRIMP1_LINE6_FIRST_NAME
- RCRIMP1_LINE6_LAST_NAME
- RCRIMP1_LINE7_FIRST_NAME
- RCRIMP1_LINE7_LAST_NAME
- RCRIMP1_LINE8_FIRST_NAME
- RCRIMP1_LINE8_LAST_NAME
- RCRIMP1_PAR1_COMP_AGE
- RCRIMP1_PAR2_COMP_AGE
- RCRIMP1_NC_PAR_FIRST_NAME
- RCRIMP1_NC_PAR_LAST_NAME
- RCRIMP1_PAR_AGR_EDU_SUPP
- RCRIMP1_PAR_MARRIAGE_YEAR
- RCRIMP1_PAR1_EMAIL_ADDRESS
- RCRIMP1_PAR2_EMAIL_ADDRESS
- RCRIMP1_TRANSFER_STU

Functional Miscellaneous Enhancements

This section describes functional miscellaneous enhancements included in this release.

Changed process

One process is changed for this release.

Direct Loan Fee Change Process (RLPDLFC)

As a result of a Change Request Defect resolution (CR-000143279), the Direct Loan Fee Change Process (RLPDLFC) is changed for this release.

To support this defect resolution, the following RLKDLFC package files have been adjusted:

- rlkdlfc0.sql
- rlkdlfc1.sql

Issues

The following RLPDLFC issues were resolved for this release:

- Loans were incorrectly inactivated where the disbursement status = 2 (Edit Accepted) and the disbursement had been paid, or the disbursement status was = None for a Direct Loan fund code that was built on RPRLOPT that did not require an accepted origination for disbursement and the disbursement had been paid, or where the disbursement had been authorized for Advance Pay. REREXxx had not been run to extract the disbursement to COD before running RLPDLFC.
- Loans were incorrectly inactivated where disbursement 1 had a disbursement gross amount = 0 such as when a Summer/Fall/Spring loan period has been changed to Fall/Spring.
 - Loans where disbursement 1 gross amount = 0 and disbursement 2 had been paid were incorrectly inactivated.
 - Loans where disbursement 1 gross amount = 0 and disbursement 2 had not been paid where the fee percent would now be incorrect where not selected to inactivate. For example, where disbursement 2 scheduled disbursement date was Sept. 15th and the loan had not paid before fee change effective date.
 - Loans already cancelled and brought to \$0 were selected for inactivation.

Solution

The following edits have been added to:

- Inactivate loans where the disbursement status = 2 (Edit Accepted) and the disbursement has not paid (RLRDLDD_FEED_DATE = NULL) for traditional processing or the disbursement has not been authorized for Advance Pay (RLRDLDD_AUTHORIZED_IND = N).
- Select loans to inactivate where the disbursement gross amount > 0.

Note: All disbursements will be queried to select subsequent disbursements where disbursement 1 gross amount = 0 and the next disbursement with a gross amount > 0 meets the criteria where the fee percent would be incorrect for inactivation. For example, where disbursement 2 scheduled disbursement date was Sept. 15th and disbursement 2 had not paid as of the fee change effective date.

Processing notes

The RLPDLFC process can run in Audit Mode providing you the opportunity to review records before inactivation or reactivation.

Inactivation A Direct Loan which has been accepted by COD but the first disbursement with an amount greater than 0 has not paid before the fee change effective date must be brought down to a 0 amount before changing the fee.

- The RLPDLFC process will select records which meet the criteria and update the disbursements, in addition, set the loan amount to 0.
- The original values for the disbursements and loan are stored in a temporary table, RLTDLFC, that will be used to restore the loan and disbursements to the original amounts with the updated fee and fee calculations.
- RLADLOR will reflect the loan is in process for fee change.

Reactivation When the loans have been submitted to COD and the response file uploaded (reflecting that COD has accepted the loan and disbursements brought down to a 0 amount), RLPDLFC is used to update the scheduled disbursement date to on or after the fee change date.

- The loan and disbursements will be restored to the permanent loan tables and the data from the temporary table, RLTDLFC, will be deleted, thus removing the **Fee Change Indicator** selection from the RLADLOR Origination section.
- The correct fee will be assigned to the loan.
- Disbursements are recalculated for the new fee and net amounts.

Apply Traditional processing

Traditional processing is used before the fee change date to make disbursements current.

Procedure

1. Import all COD Response files so loans reflect the most recent COD processing.
2. **Note:** It is important to complete this step before continuing.

Run the Disbursement process to pay all possible disbursements before Oct. 1st or new fee change effective date.

3. Export any potential new or modified disbursements using REREXxx.
4. Ensure you have updated RLRDFEE with the correct fee percent and effective date before running RLPDLFC.
5. Run RLPDLFC to inactivate the loans.
6. Run REREXxx to extract the loans and submit to COD.

-
7. Upload response file using RERIMxx.
 8. Ensure the response file has been uploaded.
 9. Run RLPDLFC to reactivate the loans with the updated disbursement date and correct fee percent.
 10. Run REREXxx to extract the loans and submit to COD.
 11. Upload the response file using RERIMxx.

Apply Advance Pay processing

Advance Pay processing is used before fee change effective date.

About this task

Warning! It is extremely important to complete each step, 1 through 5 (in sequence), before continuing to the next step.

Procedure

1. Import all COD Response files so loans reflect the most recent COD processing.
2. Run the Disbursement process to allow authorization or payment of all potential disbursements.
3. Export the disbursements records and send to COD.
4. Import all responses as soon as received from COD.
5. Run the Disbursement process to pay all possible disbursements before Oct. 1st or new fee change effective date.

Note: Waiting to run the Disbursement process until on or after Oct. 1st or new fee change date will cause the date change record to be created in addition to an adjusting negative disbursement because the fee change is no longer valid. These records will reject at COD and require manual intervention.

6. Ensure you have updated RLRDFEE with the correct fee percent and effective date before running RLPDLFC.
7. Run RLPDLFC to inactivate the loans.
8. Run REREXxx to extract the loans and submit to COD.
9. Upload the response file using RERIMxx.
10. Ensure the response file has been uploaded.
11. Run RLPDLFC to reactivate the loans with the updated disbursement date and correct fee percent.
12. Run REREXxx to extract the loans and submit to COD.
13. Upload the response file using RERIMxx.

Apply loans not paid before loan fee change date
Processing after loan fee change date.

Procedure

1. On or after the fee change date, run the Disbursement process to unauthorize any disbursements previously authorized using the old fee which were not paid.
2. Run RLPDLFC to inactivate the loans.
3. Run REREXxx to extract the loans and submit to COD.
4. Upload the response file using RERIMxx.
5. Ensure the response file has been uploaded.
6. Run RLPDLFC to reactivate the loans with the updated disbursement date and correct fee percent.
7. Run REREXxx to extract the loans and submit to COD.
8. Upload the response file using RERIMxx.

Technical

This section describes technical changes for this release.

2018/2019 College Scholarship Service (CSS) PROFILE

This section describes the technical changes that support CSS PROFILE modifications in the BannerFinancial Aid 8.30/9.3.4 release.

Changed tables

The following tables are modified for this release.

Table name	Description
Financial Aid Application Table - Part 1 (RCRAPP1)	New columns added: <ul style="list-style-type: none"> • College Submit Date • Business Value (Student) • Business Debt (Student) • Farm Value (Student) • Farm Debt (Student) • Received Medicaid (Student) • Child Support Received for Student • Parents Medicaid Adjusted columns size: <ul style="list-style-type: none"> • Address • City
Financial Aid Temp. Appl. Table - Part 1 (RCRTMP1)	
and	
Mirror Logging Table (RLRAPP1)	
Financial Aid Application Table - Part 3 (RCRAPP3)	New columns added: <ul style="list-style-type: none"> • End of Child Support Month • End of Child Support Year • Parent Real Estates Number
Financial Aid Temp. Appl. Table - Part 3 (RCRTMP3)	
and	
Mirror Logging Table (RLRAPP3)	
Financial Aid Application Table - Part 4 (RCRAPP4)	New columns added: <ul style="list-style-type: none"> • CSS Lifetime ID • Parent 1 First (Name)

Table name	Description
Financial Aid Temp. Appl. Table - Part 4 (RCRTMP4) and Mirror Logging Table (RLRAPP4)	<ul style="list-style-type: none"> • Parent 1 Last (Name) • Parent 1 Self Employed • Parent 1 Unemployed • Parent 2 First (Name) • Parent 2 Last (Name) • Parent 2 Self Employed • Parent 2 Unemployed
Additional CSS PROFILE Data (RCRIMP1) Financial Aid Temp. Appl. Table - Part 5 (RCRTMP5) and Mirror Logging Table (RLRAPP1)	<p>New columns added:</p> <ul style="list-style-type: none"> • Admission Type • Computed Orphan EFM • HHB (Non-custodial Parent) • Household Type • Family Member First Name (Family Member 2 - 8) • Family Member Last Name (Family Member 2 - 8) • Parent 1 Computed Age • Parent 2 Computed Age • Non-Custodial Last Name (Parent) • Non-Custodial First Name (Parent) • Non-Custodial Parent Agreement • Year of Marriage (Parent) • Parent 1 Email • Parent 2 Email • Transfer Student <p>Adjusted size of Financial Aid Status column.</p>
Comment table (RNRACMT)	<p>New columns added:</p> <ul style="list-style-type: none"> • Child Support Received Comment • Medicaid Comment • Child Support End Month and Year Comment • Number of Real Estates Comment

New package

A new package has been included with this release.

RCKPI19 package

The RCKPI19 package has been created to act as an interface between the RCPCT19 Java process and the database for 1819 aid year.

Package	Specification	Body
RCKPI19	RCKPI190.sql	RCKPI191.sql

Changed packages

Updated packages have been included with this release.

RB_TEMP_APP_P1 package

This package has been updated to support eight new RCRTMP1 columns.

Package	Specification	Body
RB_TEMP_APP_P1	rckb_temp_app_p10.sql	rckb_temp_app_p11.sql

DML_RCRTMP1 package

The DML_RCRTMP1 package has been updated for this release.

Package	Specification	Body
DML_RCRTMP1	rckd_rcrtmp10.sql	rckd_rcrtmp11.sql

Additionally, existing column size has been changed to support adjustments to a pair of RCRTMP1 columns:

- RCRTMP1_MAIL_ADDR
- RCRTMP1_MAIL_CITY

RB_TEMP_APP_P3 package

This package has been updated to support three new RCRTMP3 columns.

Package	Specification	Body
RB_TEMP_APP_P3	rckb_temp_app_p30.sql	rckb_temp_app_p31.sql

DML_RCRTMP3 package

The DML_RCRTMP3 package has been updated for this release.

Package	Specification	Body
DML_RCRTMP3	rckd_rcrtmp30.sql	rckd_rcrtmp31.sql

RB_TEMP_APP_P4 package

This package has been updated to support nine new RCRTMP4 columns.

Package	Specification	Body
RB_TEMP_APP_P4	rckb_temp_app_p40.sql	rckb_temp_app_p41.sql

DML_RCRTMP4 package

The DML_RCRTMP4 package has been updated for this release.

Package	Specification	Body
DML_RCRTMP4	rckd_rcrtmp40.sql	rckd_rcrtmp41.sql

RB_TEMP_CSS_DATA package

This package has been updated to support twenty seven new RCRTMP5 columns.

Package	Specification	Body
RB_TEMP_CSS_DATA	rckb_temp_css_data0.sql	rckb_temp_css_data1.sql

DML_RCRTMP5 package

The DML_RCRTMP5 package has been updated for this release.

Package	Specification	Body
DML_RCRTMP5	rckd_rcrtmp50.sql	rckd_rcrtmp51.sql

Additionally, the existing RCRTMP5_FIN_AID_STATUS column size has been changed to support adjustments to RCRTMP5.

Changed database triggers

Database triggers have been updated for this release.

RT_RCRAPP1_LOG_INSUPDDTL (rctapp19.sql)

The RT_RCRAPP1_LOG_INSUPDDTL logging trigger has been modified to add the following columns:

- RCRAPP1_ADD_COLL_DATE
- RCRAPP1_BUS_DEBT
- RCRAPP1_BUS_VAL
- RCRAPP1_FARM_DEBT
- RCRAPP1_FARM_VAL
- RCRAPP1_MEDICAID
- RCRAPP1_PAR_CHILD_SUPP_STU
- RCRAPP1_PAR_MEDICAID

Column size has been changed for the following:

- RCRAPP1_MAIL_ADDR
- RCRAPP1_MAIL_CITY

RT_RCRAPP3_LOG_INSUPDDTL (rctapp39.sql)

The RT_RCRAPP3_LOG_INSUPDDTL logging trigger has been modified to add the following columns:

- RCRAPP3_PAR_CHILD_SUPP_END_MO
- RCRAPP3_PAR_CHILD_SUPP_END_YR
- RCRAPP3_PAR_REAL_ESTATE_NO

RT_RCRAPP4_LOG_INSUPDDTL (rctapp49.sql)

The RT_RCRAPP4_LOG_INSUPDDTL logging trigger has been modified to add the following columns:

- RCRAPP4_CSS_LIFE_ID_NO
 - RCRAPP4_PAR1_FIRST_NAME
 - RCRAPP4_PAR1_LAST_NAME
-

-
- RCRAPP4_PAR1_SELF_EMPLOYED
 - RCRAPP4_PAR1_UNEMPLOYED
 - RCRAPP4_PAR2_FIRST_NAME
 - RCRAPP4_PAR2_LAST_NAME
 - RCRAPP4_PAR2_SELF_EMPLOYED
 - RCRAPP4_PAR2_UNEMPLOYED

RT_RCRIMP1_LOG_INSUPDDTL (rctimp19.sql)

The RT_RCRIMP1_LOG_INSUPDDTL logging trigger has been modified to add the following columns:

- RCRIMP1_ADM_TYPE
- RCRIMP1_EFM_WARD_OF_COURT
- RCRIMP1_HHB
- RCRIMP1_HOUSEHOLD_TYPE
- RCRIMP1_LINE2_LAST_NAME
- RCRIMP1_LINE3_LAST_NAME
- RCRIMP1_LINE4_LAST_NAME
- RCRIMP1_LINE5_LAST_NAME
- RCRIMP1_LINE6_LAST_NAME
- RCRIMP1_LINE7_LAST_NAME
- RCRIMP1_LINE8_LAST_NAME
- RCRIMP1_LINE2_FIRST_NAME
- RCRIMP1_LINE3_FIRST_NAME
- RCRIMP1_LINE4_FIRST_NAME
- RCRIMP1_LINE5_FIRST_NAME
- RCRIMP1_LINE6_FIRST_NAME
- RCRIMP1_LINE7_FIRST_NAME
- RCRIMP1_LINE8_FIRST_NAME
- RCRIMP1_NC_PAR_LAST_NAME
- RCRIMP1_NC_PAR_FIRST_NAME
- RCRIMP1_PAR1_COMP_AGE
- RCRIMP1_PAR2_COMP_AGE
- RCRIMP1_PAR_AGR_EDU_SUPP
- RCRIMP1_PAR_MARRIAGE_YEAR
- RCRIMP1_PAR1_EMAIL_ADDRESS
- RCRIMP1_PAR2_EMAIL_ADDRESS

- RCRIMP1_TRANSFER_STU

Column size for RCRIMP1_FIN_AID_STATUS has changed for this release.

RT_RNRACMT_LOG_INSUPDDTL (rntacmt9.sql)

The RT_RNRACMT_LOG_INSUPDDTL logging trigger has been modified to add the following columns:

- RNRACMT_CHILD_SUPP_STU
- RNRACMT_RECD_MEDICARE
- RNRACMT_PAR_CHILD_SUPP_END_YR
- RNRACMT_PAR_REAL_ESTATE_NO

New views

A series of new views are included with this release.

The following new views will be used for the 2018/2019 aid year where the Aid Year Start year is 2018 (ROBINST_AIDY_START_YEAR = 2018) and the Aid Year End year is 2019 (ROBINST_AIDY_END_YEAR = 2019):

- 2018-2019 Admissions Application View - Including Students without Admissions Decisions (ROVA219)
- 2018-2019 Admissions Applications View (ROVAD19)
- 2018-2019 Current Year Only Admissions Applications View (ROVAM19)
- 2018-2019 Admissions Application View - Current Year Only Including Students without Admissions Decisions (ROVAY19)
- 2018-2019 Max Term SAP Status View (ROVSA19)
- 2018-2019 Aid Year Specific Student View (ROVST19)

Note: You should review the above views to be sure they meet your aid year definition. Some views are hardcoded with the aid year (e.g. "1819" would signify the 2018/2019 Aid Year). Other views use the ROBINST_AIDY_START_YEAR and ROBINST_AIDY_END_YEAR instead of a hardcoded aid year (in this situation, you may need to modify the view if multiple aid year codes are used with the same start and end years).

Required data

Required data is provided with this release.

The following tables are updated to support changes for the 2018/2019 aid year:

- Report/Process Definition Table (GJBJOBS)
- Parameter Definition Table (GJBPDF)
- Default Parameter Table (GJBPDFT)

- Parameter Validation Table (GJAPVAL)
- FGAC Objects Excluded From FGAC Processing Rules Table (GOBFEOB)
- General Object Base Table (GUBOBS)
- General Menu Table (GURMENU)
- General Form Options Table (GUROPTM)
- CSS INAS Assumption Codes (RCRASMP)
- INAS Global Policy Options Table (RNRGLBL)
- Data Dictionary Table (RORDATA)
- Logging Rules Table Data (RORDVAL)
- Logging Control Repeating Table (RORLOGC)
- Miscellaneous Validation Rules Table Data (RORMVAL)
- Pell Payment Schedule Table (RORPELL)
- Federal Rules Inquiry Table (RPRFEDR)
- Grant Rules Table (RPRGRNT)
- CSS Country Coefficient and Crosswalk Validation Table (RTVCCOE)
- International Translation Rules (RTVINTL)

Data script	Description
rcrasmpi_083000.sql	Adds required data for RCRASMP
rgjbjobsi_083000.sql	Creates an entry for the RCPCT19 and RC RTP19 processes
rgjbpdefi_083000.sql	Creates parameter definition entries for the RCPCT19 and RC RTP19 processes
rgjbpdfi_083000.sql	Creates parameter default entries for the RCPCT19 and RC RTP19 process
rgjbpvali_083000.sql	Creates parameter validation entries for the RCPCT19 and RC RTP19 processes
rgobfeobi_083000.sql	Creates entries for RCPCT19 and RC RTP19 process to exclude from VBS FGAC
rgubobjsi_083000.sql	Creates entry for all new forms (RNASU19, RNAOV19, RNRGL19, RNAPR19, and RNARS19) and new processes (RCPCT19 and RC RTP19)
rgurmenui_083000.sql	Creates menu entries for Applicant Processing (*RESAPPL) and Need Analysis (*RESNEED)
rguroptmi_083000.sql	Creates options entries for RNASU19, RNAOV19, RNRGL19, RNAPR19, RNARS19
ringl19.sql	Allows you to reset the 2018/2019 global default values in RNRGLBL and

Data script	Description
<code>rnrglbli_083000.sql</code>	
<code>rordatai_083000.sql</code>	Adds required data for RORDATA
<code>rordvali_083000.sql</code>	Adds RNAOV19 records into RORDVAL
<code>rorlogci_083000.sql</code>	Adds seed data for RORLOGC
<code>normvali_083000.sql</code>	Adds validation codes for the 2018/2019 aid year
<code>rorpelli_083000.sql</code>	Adds RORPELL records for the 2018/2019 aid year
<code>rprfedri_083000.sql</code>	Adds RPRFEDR records for the 2018/2019 aid year
<code>rprgrnti_083000.sql</code>	Adds RPRGRNT records for the 2018/2019 aid year
<code>rtvccoei_083000.sql</code>	Inserts new values for the 2018/2019 aid year
<code>rtvintli_083000.sql</code>	Adds RTVINTL records for the 2018/2019 aid year
<code>rtvintlu_083000.sql</code>	Updates FA_LENGTH for some RTVINTL columns for the 2018/2019 aid year

Obsolete objects

Banner Financial Aid objects from previous aid years (2012/2013 and earlier) have been made obsolete to support the Banner Financial Aid 8.30/9.3.4 release.

Obsolete C processes

Obsolete C processes are listed for the Banner Financial Aid 8.30/9.3.4 release.

Obsolete C	Obsolete C
RCRTP12	RCRTP13
RERCD12	RERCD13
RERCE12	RERCE13
RERFI12	RERFI13
RERIS12	RERIS13
REROR12	REROR13
RORFS12	RORFS13
RPRCP12	RPRCP13
RPRDU12	RPRDU13

Mass compile scripts are updated and included to remove references to the processes listed above.

Script	Description
rescmplc.shl	Unix C compile script
rescmplc.pl	Windows NT C compile script

Obsolete COBOL objects

COBOL objects such as COBOL processes INAS (baninas) and miscellaneous COBOL objects have been made obsolete for the Banner Financial Aid 8.30/9.3.4 release.

Obsolete COBOL	Obsolete COBOL
RCBTP12	RCBTP13
REBCD12	REBCD13

Scripts are updated and included to remove references to the processes listed above.

Script	Description
rescmpl.shl	Unix COBOL compile script
rescmpl.pl	Windows NT C compile script

COBOL processes INAS (baninas)

COBOL processes INAS (baninas) have been made obsolete for this release.

Obsolete INAS (baninas) COBOL	Obsolete INAS (baninas) COBOL
FMCALC12	FMCALC13
FMRJCT12	FMRJCT13
FMSNT12	FMSNT13
FMTWEK12	FMTWEK13
IMCALC12	IMCALC13
IMMAPI12	IMMAPI13
IMMAPO12	IMMAPO13
IMMSGE12	IMMSGE13
IMPLUS12	IMPLUS13
IMTWEK12	IMTWEK13
INAS2012	INAS2013
INCOMP12	INCOMP13
INFUNC12	INFUNC13
ININAR12	ININAR13
INLCL12	INLCL13
INTAX12	INTAX13
RNECP12	RNECP13
RNEIN12	RNEIN13
RNEIN12O	RNEIN13O
RNEIN12S	RNEIN13S

COBOL Miscellaneous objects

COBOL Miscellaneous objects have been made obsolete for this release.

Obsolete Miscellaneous COBOL objects	Obsolete Miscellaneous COBOL objects
EBCDICPD	INSPE2
EBCDICWS	INSPE3
EXMVFAFR	INSRSRC
FDRECRX	UVALDATE

Obsolete copybooks

Copybooks have been made obsolete for the Banner Financial Aid 8.30/9.3.4 release.

Obsolete copybooks	Obsolete copybooks	Obsolete copybooks
FED12	FEDWRK13	INSLDA09
FEDEXT12	FMR13	INSLDS09
FEDORI12	FMREXT13	PROWRK09
FEDWRK12	GLOBAL13	INSLDA10
FMCNST12	IMREXT12	INSLDS10
GLOBAL12	IMREXT13	INSLDT10
---	---	IMR11
---	---	IMREXT11
FUNCWA12	FUNCWA13	---
IMCNST12	IMCNST13	---
IMR12	IMR13	---
INAR12	INAR13	---
IWKGLB12	IWKGLB13	---
MVISIR12	MVISIR13	---
MVPROF12	MVPROF13	---
MVPRSL12	MVPRSL13	---
MVZERO12	MVZERO13	---
OVPROF12	OVPROF13	---
PLUSWA12	PLUSWA13	---
PROWRK12	PROWRK13	---
SELIS112	SELIS113	---

Obsolete copybooks	Obsolete copybooks	Obsolete copybooks
SELISR12	SELISR13	---
SELOVR12	SELOVR13	---
SELPR112	SELPR113	---
SELPR512	SELPR513	---
SELPRR12	SELPRR13	---
TAXPRM12	TAXPRM13	---
WSDECL12	WSDECL13	---
WSOVRD12	WSOVRD13	---

Obsolete dbprocs

A number of dbprocs have been made obsolete for the Banner Financial Aid 8.30/9.3.4 release.

Obsolete dbproc	Obsolete dbproc	Obsolete dbproc
rckca130.sql	---	---
rckca131.sql	---	---
rckpi130.sql	rckpi120.sql	rckpi110.sql
rckpi131.sql	rckpi121.sql	rckpi111.sql
rekce130.sql	rekce120.sql	---
rekce131.sql	rekce121.sql	---
rekci130.sql	rekci120.sql	---
rekci131.sql	rekci121.sql	---
rekor130.sql	rekor120.sql	rekor110.sql
rekor131.sql	rekor121.sql	rekor111.sql
rnkfm130.sql	rnkfm120.sql	rnkfm110.sql
rnkfm131.sql	rnkfm121.sql	rnkfm111.sql

The `resdbpr.sql` (Banner Financial Aid database object mass-regeneration script) script has been updated to remove references to all of the above processes.

Obsolete Java objects

Java objects have been made obsolete for the Banner Financial Aid 8.30/9.3.4 release.

Obsolete Java	Obsolete Java	Obsolete Java
---	---	RCPCA13
RCPCT11	RCPCT12	RCPCT13
---	REREX12	REREX13
---	RERIM12	RERIM13
---	RNPFM12	RNPFM13
---	RNRNA12	RNRNA13

Obsolete pages

Pages have been made obsolete for the Banner Financial Aid 8.30/9.3.4 release.

Obsolete page	Obsolete page
---	READI13
REAOR12	REAOR13
RNANA12	RNANA13
RNAOV12	RNAOV13
RNAPR12	RNAPR13
RNARS12	RNARS13
RNASL12	RNASL13
RNASU12	RNASU13
RNAVR12	RNAVR13
RNIMS12	RNIMS13
RNRGL12	RNRGL13

Two Banner 8 mass compile scripts have been updated to remove the references to the above objects:

Obsolete views

Delete scripts

The following scripts are provided to remove obsolete objects (Z01Z/Z01S and earlier) for this

39

Data script	Description
<code>rgobfeobd_083000.sql</code>	Delete 2012/2013 and earlier entries from FGAC objects excluded from FGAC processing rules table
<code>rgubobjsd_083000.sql</code>	Delete 2012/2013 and earlier entries from General Object Base Table
<code>rgubpaged_083000.sql</code>	Delete 2012/2013 and earlier mappings between forms and pages
<code>rgurmenud_083000.sql</code>	Delete 2012/2013 and earlier entries from General Menu Repeating Table
<code>rguroptmd_083000.sql</code>	Delete 2012/2013 and earlier Form option entries

Resolutions

A Resolution Report contains comprehensive and detailed resolution information for a release.

A Resolution Report lists the resolved change requests for a release. Each change request has a Problem, Impact, and Resolution statement. In addition to these statements, every change request has a URL. Copy and paste the URL into a web browser to see more details about the change request on the Ellucian Support Center.

The Resolution Report for Banner Financial Aid 8.30/9.3.4 can be found in the Ellucian Support Center Documentation Libraries under Banner Financial Aid.