



# Banner Financial Aid Release Guide

Release 8.17  
March 2013



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# Introduction

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This guide documents the Banner® Financial Aid 8.17 release, which includes enhancements, regulatory updates, request for product enhancement (RPE), and problem resolutions.

## Enhancements

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The following enhancements are included in this release:

### Funds Available to Offer Calculation

The functional and technical sections describe enhanced functionality used to calculate the Available to Offer Amount using only awards currently offered at the aid year level. This change also increases the size of the amount fields of all appropriate Banner Financial Aid forms, processes, and reports for the fund records to the international standard length of seventeen characters with two decimal places (17,2).

### 2013 - 2014 Common Origination and Disbursement (COD)

The functional and technical sections discuss changes made for 2013-2014 COD processing. Updates include:

- 2013-2014 COD Forms and Processes



**Note:** There is no new XML schema for the 2013-2014 aid year only new valid values for existing XML tags.

- Support for Ability-to-Benefit (ATB) processing for all DL, Pell, and TEACH originations
- New On-Demand School Account Statement (SAS) files
  - Beginning with the 2013-2014 aid year, COD is making available new On Demand SAS reports for Direct Loans.
- Modifications to Entrance and Exit Counseling data received from COD
  - Effective March 2013, exit counseling for Direct Loans/FFEL will be available on the StudentLoans.gov (SLG) website and the exit counseling currently available on NSLDS will be discontinued.

- Changes in MPN processing due to COD no longer printing paper MPN's
- New reject edit code

## Community Source

The functional and technical sections describe an initiative to modify the Automatic Group Assignment Process (RORGRPS) to allow users to run budgeting, packaging, and tracking grouping in simulation/audit mode.

## INAS Upgrade

This functional section describes changes made as a result of the College Board's recent INAS Technical Upgrade for the 2013-2014 IM/EFM version of INAS and 2013-2014 INAS FM Technical Release.

## Miscellaneous Enhancements

Functional section describes miscellaneous enhancements included in the 8.17 release:

## Resolved RPEs

### Funds Available to Offer Calculation

- RFIBUDG field size (RPE 1-127OBOJ)
- Ability to adjust canceled/declined amount (RPE 1-2PYRB7)
- Extend the allowable percent over commitment from 999 to 9999 (RPE 1-3C062D)
- Availability of declined/canceled funds (RPE 1-3FFKTT)
- Use of fund dollars not accepted (RPE 1-6X2HDV)
- Reconcile feature (RPE 1-1648GXP)
- RFIBUDG displays cancelled amounts (RPE 1-QKGUL5)

### COD

- RERFlxx (RPE 1-12I6X49)
- StAX Parser (RPE 1-17JDITJ)
- Loan Processing - Increase buffer size (RPE 1-GAL1KN)

## Clarifications

### Banner Financial Aid User Guide

- FM Need Analysis (RNPFMxx) (Defect 1-1BGNEV5)
- Budget Type Validation (RTVB Typ) (Defect 1-1BH9OR1)
- Shopping Sheet in Self-Service (Defect 1-1BJJIOC)
- Oracle Pipes/Advanced Queuing (Defect 1-1B89ZB7)

## Cumulative documentation and patches

This document provides detailed information about the Banner Financial Aid 8.17 release. Banner Financial Aid 8.17 is a cumulative release that includes:

- Patches delivered after Banner Financial Aid 8.16.

The following postings/patches are included in Release 8.17. Information on these patches can be found at the Customer Support Center (<https://connect.ellucian.com>). Please see the list that follows.:

Release/Patch Number	Dates	Comments	Additional information
p1-1bb8wnk_res8160001	January 2013	Defect Posting	<p>Banner Financial Aid release, 8.16 must be applied before applying this patch.</p> <ul style="list-style-type: none"><li>• Defect 1-1BAAQGJ: 8.16.0.1 of <code>rpk_shopping_sheet1.sql</code> can replace version 8.16</li><li>• Defect 1-1BB8Wnk: 8.16.0.1 of <code>rcked141.sql</code> can replace version 8.16</li><li>• Defect 1-1BENNJP: 8.16.0.1 of <code>rprssbp_template.pdf</code> can replace version 8.16</li><li>• Defect 1-1BDKR69: 8.16.0.1 of <code>FINAIDNEEDANALYSIS.08160001.zip</code> can replace version 8.16 (applies to On-Premise clients only)</li></ul>

Release/Patch Number	Dates	Comments	Additional information
p1-1bh31km_res8160002	January 2013	Defect Posting	<p>Banner Financial Aid patch, p1-1bb8wnk_res8160001, must be applied before applying this patch.</p> <ul style="list-style-type: none"> <li>• Defect 1-185IHUR: <ul style="list-style-type: none"> <li>- 8.16.0.2 of rckca141.sql can replace version 8.16</li> <li>- 8.16.0.2 of rcrtpl4.pc can replace version 8.16</li> </ul> </li> <li>• Defect 1-1A8065W: 8.16.0.2 of rcpt14.pl can replace version 8.15.1</li> <li>• Defect 1-1BH31KM: 8.16.0.2 of rpck_shopping_sheet1.sql can replace version 8.16.0.1</li> <li>• Defect 1-1BI53ST: <ul style="list-style-type: none"> <li>- 8.16.0.2 of rcptpl4.jar can replace version 8.16</li> <li>- 8.16.0.2 of rcked141.sql can replace version 8.16.0.1</li> <li>- 8.16.0.2 of rorloadu_08160002.sql is new</li> </ul> </li> <li>• Defect 1-1BKGIYL: 8.16.0.2 of rcptpl4.jar can replace version 8.16</li> <li>• Defect 1-1BHAEAU: 8.16.0.2 of FINAIDNEEDANALYSIS.08160002.zip can replace version 8.16.0.1 (applies to On-Premise clients only)</li> </ul>
<p>Multi-Entity Processing (MEP) Alert: This patch supports MEP in your database and requires no manual modifications to the delivered scripts during the course of application.</p> <p><b>Note</b> - MEP refers to processing via Virtual Private Databases (VPD), enabled by the use of VPDI_CODE in MEP enabled tables.</p>			
reg_res8160003	February 2013	Regulatory Update	<p>This regulatory patch can be applied on Banner Financial Aid release 8.16 or later.</p> <ul style="list-style-type: none"> <li>• Defect 1-1BSSEW7: <ul style="list-style-type: none"> <li>- 8.16.0.3 of rorPELLI_08160003.sql is new</li> <li>- 8.16.0.3 of rprfedru_08160003.sql is new</li> </ul> </li> </ul>
<p>Multi-Entity Processing (MEP) Alert: This patch supports MEP in your database and requires no manual modifications to the delivered scripts during the course of application.</p> <p><b>Note</b> - MEP refers to processing via Virtual Private Databases (VPD), enabled by the use of VPDI_CODE in MEP enabled tables.</p>			

Release/Patch Number	Dates	Comments	Additional information
p1-1bs06hk_res8160004	February 2013	Defect Posting	<p>Banner Financial Aid patch, p1-1bh31km_res8160002, must be applied before applying this patch.</p> <ul style="list-style-type: none"> <li>• Defect 1-1BPKIF <ul style="list-style-type: none"> <li>- 8.16.0.4 of rcrtpl4.pc can replace version 8.16.0.2</li> </ul> </li> <li>• Defect 1-1BTX3LN <ul style="list-style-type: none"> <li>- 8.16.0.4 of reris14.pc can replace version 8.16</li> </ul> </li> <li>• Defect 1-1BS06HK <ul style="list-style-type: none"> <li>- 8.16.0.4 of FINAIDNEEDANALYSIS.08160004.zip can replace version 8.16.0.2 (applies to On-Premise clients only)</li> </ul> </li> <li>• Defect 1-1BY6X5U <ul style="list-style-type: none"> <li>- 8.16.0.4 of rcked141.sql can replace version 8.16.0.2</li> <li>- 8.16.0.4 of rorstat_upd_08160004.sql is a new object</li> </ul> </li> </ul>
FINAIDNEEDANALYSIS.08160004.zip	February 2013	Upgrade Instructions & Documentation	<ul style="list-style-type: none"> <li>• The packaged file FINAIDNEEDANALYSIS.08160004.zip includes the software for the FM NEED CALCULATION for institutions who have selected On-Premise Option.</li> <li>• The Financial Aid Hosted Services Handbook January 2013(chapter 3) finaid2013-01hshb.pdf can be found in pdf format for download from the Ellucian Customer Support Center.</li> </ul> <p><b>Note</b> - This patch also includes a separate file called Instructions_for_installing_EFC_Web_Service.txt that describes the minimum steps needed to re-deploy the 8.16.0.4 version of EFC web services.</p>

## Problem Resolutions

Problem resolutions are summarized by object at the end of the release guide. For more information about a problem resolution, refer to the `finaid81700resolutions.txt` file that accompanies the Banner Financial Aid 8.17 release.



**Note:** Any release hints, suggestions, or corrections to this release guide that arise, subsequent to the posting of this release, will be documented in the *Are there any helpful hints, suggestions and/or corrections to release documentation for Banner Financial Aid release 8.17?*, Solution/FAQ # 1-1AY7TE2, and made available through the Customer Support Center (<https://connect.ellucian.com>). It is recommended that you refer to this document periodically under Solutions/FAQs (#1-1AY7TE2) as you use the new release functionality.

# Funds Available to Offer Calculation - Functional

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This section describes enhanced functionality used to calculate the Funds Available to Offer Amount using only awards currently offered at the aid year level.

Currently, the logic used to determine whether funds are available for new or additional awards makes use of the Available to Offer Amount, which is based on an over commitment percent, and subtracts awards currently offered, declined amounts, and cancelled amounts. This, in turn, requires you to determine what percent of the total fund allocation will be declined or cancelled to award the total allocation for the fund.

As a result, an option has been provided that uses only the awards currently offered and no longer includes the declined and cancelled amounts to determine the Available to Offer Amount. This option can be used to calculate the Available to Offer Amount using only awards currently offered at the aid year level.

This change also increases the size of the amount fields of all appropriate Banner Financial Aid forms, processes, and reports for the fund records to the international standard precision of seventeen characters, fifteen significant digits plus two decimal places (17,2).

## Calculating fund balances and the remaining Available to Offer Amount

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The amount of actual dollars available for funds are entered on RFRMGMT or ROAMGMT. The Amount Available to Offer for the fund is established by entering an over commitment level as a percent of the total allocated amount. There are two options for determining the remaining amount which is available to offer by the packaging process or awarding the fund directly on one of the award forms. The option for how you want the remaining available to offer amount calculated is established on ROAINST form under the Options tab by selecting Yes (checked) or No (unchecked) for the Use Only Offered to Calculate the Available to Offer indicator.

### Option 1: Use only offered aid to calculate the amount available to offer

When the **Use Only Offered to Calculate the Available to Offer** indicator is checked (Yes), the amount of funds available to be awarded is determined by subtracting the aid that is offered from the Fund Available to offer amount:

$$\text{RFRASPC\_AVAIL\_OFFER\_AMT} - \text{RFRASPC\_OFFER\_AMT} = \text{Amount of Funds Available}$$

When setting the over commitment level for a fund, you may want to consider if the disbursements may be less than the total allocated such as when a fund prorates the amount disbursed based on enrollment or actual dollars earned for Work Study.



**Warning!** When establishing the amount available to offer for your funds, entering an **Over Commitment Percent** greater than 100.00% allows awards and potentially disbursements to exceed the actual Total Allocated dollars for the fund.

**Example**

Fund allocation defined on RFRMGMT with Over Commitment of 100%

Total Allocated: 50,000.00  
 Available to Offer: 50,000.00 (RFRASPC\_AVAIL\_OFFER\_AMT)  
 Over Commitment Percent: 100.000

**Use Only Offered to Calculate the Available to Offer** is checked (Yes) on ROAINST.

Amount	Remaining Amount	Remaining Percent	Actual Remaining
Current Offered (RFRASPC_OFFER_AMT)	25,000.00 (Amount of Funds Remaining)	50.000	25,000.00
Offered	5,000.00		
Accepted	20,000.00		
Cancelled	5,000.00		
Declined	10,000.00		

**Option 2: Use aid which is Offered, Cancelled, and Declined with an Over Commitment Percent greater than 100% to calculate the amount available to offer**

When the **Use Only Offered to Calculate the Available to Offer** indicator is unchecked (No), the amount of funds available to be awarded is determined by subtracting the sum of aid that is offered, declined, and cancelled from the Fund Available to Offer amount:

$$RFRASPC\_AVAIL\_OFFER\_AMT - (RFRASPC\_OFFER\_AMT + RFRASPC\_DECLINE\_AMT + RFRASPC\_CANCEL\_AMT) = \text{Amount of Funds Available}$$

Based on past experience, you can estimate the amount of specific awards that you can safely over commit during packaging because you know that all awards are not actually paid; a percentage of awards are either canceled or declined before payment.



**Note:** If the over commitment projection is correct, the final current offers will eventually equal the total allocated. Banner still cannot save you if you over commit too much and your final current offers exceed your total allocated. The total amount of canceled and declined awards in one year will be a good measure of what the over commitment level for the next year should be.

When testing to see if the fund has enough money available to make new or additional awards, the calculation takes the Available to Offer Amount (over commitment level) and subtracts the current offers, declined amounts, and canceled amounts. When an award is canceled or declined, the Available to Offer amount does not change because the canceled/declined amount is still being used to reduce the balance.

*Example 1:*

Fund allocation defined on RFRMGMT with Over Commitment of 100%

Total Allocated:	50,000.00	
Available to Offer:	50,000.00	(RFRASPC_AVAIL_OFFER_AMT)
Over Commitment Percent:	100.000	

Use **Only Offered to Calculate the Available to Offer** is unchecked (No) on ROAINST.

Amount	Remaining Amount	Remaining Percent	Actual Remaining
Current Offered (RFRASPC_OFFER_AMT) 25,000.00	10,000.00 (Amount of Funds Remaining)	20.000	25,000.00
Offered 5,000.00			
Accepted 20,000.00			
Cancelled (RFRASPC_CANCEL_AMT) 5,000.00			
Declined (RFRASPC_DECLINE_AMT) 10,000.00			

**Example 2:**

Fund allocation defined on RFRMGMT with Over Commitment of 125%

Total Allocated:	50,000.00	
Available to Offer:	62,500.00	(RFRASPC_AVAIL_OFFER_AMT)
Over Commitment Percent:	125.000	

Use **Only Offered to Calculate the Available to Offer** is unchecked (No) on ROAINST.

Amount	Remaining Amount	Remaining Percent	Actual Remaining	
Current Offered (RFRASPC_OFFER_AMT)	25,000.00 (Amount of Funds Remaining)	22,500.00	36.000	25,000.00
Offered	5,000.00			
Accepted	20,000.00			
Cancelled (RFRASPC_CANCEL_AMT)	5,000.00			
Declined (RFRASPC_DECLINE_AMT)	10,000.00			

## Reviewing Fund Balances

The Fund Balance Inquiry form, RFIBUDG, displays detailed information about the fund balance, amount available to offer, and the information on the number and amounts of awards made to students. When reviewing the fund balance information:

- The Actual Remaining Amount field displays the amount of the Total Allocated minus the Current Offered amount (aid which is offered or accepted).
- The Remaining Amount and the Remaining Percent fields represent the calculated amount still available to offer based on the over commitment level (Available to Offer amount for the fund) and the option setting on ROAINST to use only amounts offered (Option 1 above) or to include amounts which are cancelled and declined (Option 2 above).

You may also view the detailed information for the fund by term or by period on RFIBUDG by accessing the appropriate page from the Options menu.

The Account Balance report, RFRABAL, and the Fund Budget report, RFRBUDG, may also be used to view information regarding your funds. These reports will also use the option on ROAINST for calculating the remaining amount and percent that is available to be offered for the fund.

## Changed forms

### Fund Budget Inquiry (RFIBUDG)

The RFIBUDG form has been updated to display the number of awards and the amount of those awards which are in an Offered status (funds offered but not yet accepted). The calculation of Remaining Amount and the Remaining Percent has been updated to reflect the setting on ROAINST for **Use Only Offered to Calculate Available to Offer**. The following image illustrates changes to the RFIBUDG form:

The screenshot shows the Fund Budget Inquiry (RFIBUDG) form with the following data:

**Base Fund**

Source: FDRL Federal  
 Type: LOAN Loan  
 Federal ID: PERK Federal Perkins Loan

**Aid Year Specific**

Prior Balance: .00      Budget Allocated: 9,999,999.00      Available to Offer: 9,999,999.00  
 Transferred: .00      Total Allocated: 9,999,999.00      Over-Commitment Percent: 100.000

	Number of Awards	Amount	Remaining Amount	Remaining Percent	Actual Remaining Amount
Original Offer:	15	45,776.00			
Current Offer:	15	44,776.00	9,955,223.00	99.55	9,955,223.00
Zero Offer:	0	.00			
Offered:	8	23,900.00			
Accepted:	7	20,876.00	23,900.00	53.38	
Declined:	1	1,000.00			
Cancelled:	0	.00			
Memoed:	1	500.00			
Authorized:	0	.00			
Paid:	3	6,833.00	14,043.00	67.27	

### Base Fund block

#### Navigation

The form's Base Fund block has been changed and is now navigable. When entering the form from the key block, a next block function will bypass the Base Fund block and take you to the Aid Year Specific block, as before. You can navigate back to the Base Fund block using a previous block function from the Aid Year Specific block or a next block function from Period Detail Block. Navigation to the Base Fund Block may also be done using the Options menu.

## Fields and Auto Hints

The Base Fund block's fields have been expanded to display the maximum length for the column. The description fields for Source, Type, and Federal ID will be displayed as text fields, without the boxes. The description of the Federal ID if associated with the fund code will also be displayed.

Auto Hints have been added for each of the Base Fund block's fields.



**Note:** The query function has been disabled in the Base Fund block.

## Aid Year Specific block

### Navigation

Banner standard navigation has been added to the Aid Year Specific block.

### Fields and Auto Hints

Auto Hints have been added for each of the Aid Year Specific block's fields.



**Note:** The query function has been disabled in the Aid Year Specific block.

Fund Budget Inquiry RFIBUDG 8.17 (FIN-CIT)

Aid Year: 1213 Fund: PERK Federal Perkins Loan

---

**Base Fund**

Source: FDRL Federal  
 Type: LOAN Loan  
 Federal ID: PERK Federal Perkins Loan

---

**Aid Year Specific**

Prior Balance: .00 Budget Allocated: 9,999,999.00 Available to Offer: 9,999,999.00  
 Transferred: .00 Total Allocated: 9,999,999.00 Over-Commitment Percent: 100.000

	Number of Awards	Amount	Remaining Amount	Remaining Percent	Actual Remaining Amount
Original Offer:	15	45,776.00			
Current Offer:	15	44,776.00	9,955,223.00	99.55	9,955,223.00
Zero Offer:	0	.00			
Offered:	8	23,900.00			
Accepted:	7	20,876.00	23,900.00	53.38	
Declined:	1	1,000.00			
Cancelled:	0	.00			
Memoed:	1	500.00			
Authorized:	0	.00			
Paid:	3	6,833.00	14,043.00	67.27	

The new **Offered** field has been added to display the number of awards and the amount of those awards which are in an Offered status.

Fields	Descriptions
Offered (Number of Awards)	Number of Awards in Offered Status. (OFFER_NO).
Offered (Amount)	Amount of Awards in Offered Status. (OFFER_AMT).

## Term Summary block

The following image illustrates changes to the RFIBUDG form:

The screenshot shows the 'Fund Budget Inquiry' window for 'RFIBUDG 8.17 (FIN-CIT)'. The 'Term Summary' section displays a table with columns for Term, Offered, Accepted, and Paid. The 'Term Detail' section shows a breakdown for Term 201310, Fall 1213, including Original Offers, Current Offered, Offered, Accepted, Declined, Cancelled, Memoed, Authorized, and Paid, with corresponding Number of Awards, Amount, Remaining Amount, and Remaining Percent.

Term	Offered	Accepted	Paid
201310	21,472.00	9,772.00	5,500.00
201320	21,471.00	9,771.00	
201330			

	Number of Awards	Amount	Remaining Amount	Remaining Percent
Original Offers:	15	21,972.00		
Current Offered:	15	21,472.00		
Offered:	8	11,700.00		
Accepted:	7	9,772.00	11,700.00	54.49
Declined:	1	500.00		
Cancelled:	0			
Memoed:	1	500.00		
Authorized:	0			
Paid:	2	5,500.00	4,272.00	43.72

## Navigation

Banner standard navigation has been added to the Term Summary block.

## Fields and Auto Hints

Auto Hints have been added for each of the Term Summary block's fields.

## Term Detail block

### Navigation

Banner standard navigation has been added to the Term Detail block.

## Fields and Auto Hints

Auto Hints have been added for each of the Term Detail block's fields. Each field has also been expanded to display the maximum length for the column.



**Note:** The description of the term code will be displayed as a text field.

Fund Budget Inquiry RFBUDG 8.17 (FIN-CIT)

Aid Year: 1213 Fund: PERK Federal Perkins Loan

Term Details RFBUDG 8.17 (FIN-CIT)

**Term Summary**

Term	Offered	Accepted	Paid
201310	21,472.00	9,772.00	5,500.00
201320	21,471.00	9,771.00	
201330			

**Term Detail**

Term: 201310 Fall 1213

	Number of Awards	Amount	Remaining Amount	Remaining Percent
Original Offers:	15	21,972.00		
Current Offered:	15	21,472.00		
<b>Offered:</b>	<b>8</b>	<b>11,700.00</b>		
Accepted:	7	9,772.00	11,700.00	54.49
Declined:	1	500.00		
Cancelled:	0			
Memoed:	1	500.00		
Authorized:	0			
Paid:	2	5,500.00	4,272.00	43.72

The new **Offered** field has been added to display the number of awards and the amount of those awards which are in an Offered status.

Fields	Descriptions
Offered (Number of Awards)	Number of Awards in Offered Status. (OFFER_NO).
Offered (Amount)	Amount of Awards in Offered Status. (OFFER_AMT).

## Period Summary block

The following image illustrates changes to the RFIBUDG form:

The screenshot displays the RFIBUDG form with the following data:

Period	Offered	Accepted	Paid
201310	18,722.00	9,772.00	5,500.00
201320	21,471.00	9,771.00	
201330			

	Number of Awards	Amount	Remaining Amount	Remaining Percent
Original Offers:	14	19,222.00		
Current Offered:	14	18,722.00		
Offered:	7	8,950.00		
Accepted:	7	9,772.00	8,950.00	47.8
Declined:	1	500.00		
Cancelled:	0			
Memoed:	1	500.00		
Authorized:	0			
Paid:	2	5,500.00	4,272.00	43.72

## Navigation

Banner standard navigation has been added to the Period Summary block.

## Fields and Auto Hints

Auto Hints have been added for each of the Period Summary block's fields.

## Period Detail block

## Navigation

Banner standard navigation has been added to the Period Detail block.

## Fields and Auto Hints

Auto Hints have been added for each of the Period Detail block's fields. Each field has also been expanded to display the maximum length for the column.



**Note:** The description of the term code will be displayed as a text field.

Fund Budget Inquiry RFIBUDG 8.17 (FIN-CIT)

Aid Year: 1213 Fund: PERK Federal Perkins Loan

Term Details RFIBUDG 8.17 (FIN-CIT)

Period Details RFIBUDG 8.17 (FIN-CIT)

Period	Offered	Accepted	Paid
201310	18,722.00	9,772.00	5,500.00
201320	21,471.00	9,771.00	
201330			

---

Period Detail

Period: 201310 Fall 1213

	Number of Awards	Amount	Remaining Amount	Remaining Percent
Original Offers:	14	19,222.00		
Current Offered:	14	18,722.00		
<b>Offered:</b>	<b>7</b>	<b>8,950.00</b>		
Accepted:	7	9,772.00	8,950.00	47.8
Declined:	1	500.00		
Cancelled:	0			
Memoed:	1	500.00		
Authorized:	0			
Paid:	2	5,500.00	4,272.00	43.72

The new **Offered** field has been added to display the number of awards and the amount of those awards which are in an Offered status.

Fields	Descriptions
Offered (Number of Awards)	Number of Awards in Offered Status. (OFFER_NO1).
Offered (Amount)	Amount of Awards in Offered Status. (OFFER_AMT1).

## Fund Management (RFRMGMT)

The RFRMGMT form has been updated to display descriptions for codes as text without the boxes with the exception of the Messages tab. The following image illustrates changes to the RFRMGMT form:

The screenshot shows the RFRMGMT form with the following details:

- Aid Year:** 1213
- Fund Code:** PERK Federal Perkins Loan
- Base Fund Section:**
  - Fund Source:** FDRL Federal
  - Fund Type:** LOAN Loan
  - Federal Fund ID:** PERK Federal Perkins Loan
  - Long Description:** Federal Perkins Loan
  - Accounts Receivable Detail:** FFPL  Active
- Aid Year Specific Section:**

<b>Prior Balance:</b>	.00
<b>Transferred:</b>	.00
<b>Budget Allocated:</b>	9,999,999.00
<b>Total Allocated:</b>	9,999,999.00
<b>Available to Offer:</b>	9,999,999.00
<b>Over Commitment Percent:</b>	100.000

### Base Fund block

The description for Federal Fund ID will be displayed when it exists for the fund.

### Aid Year Specific block

Fields have been expanded to display the maximum length for the columns.

Warning messages have been added to prevent entering amounts which would cause the Total Allocated or the Available to Offer amount to exceed the maximum value of 999,999,999,999.99.

# Global Institution Financial Aid Options (ROAINST)

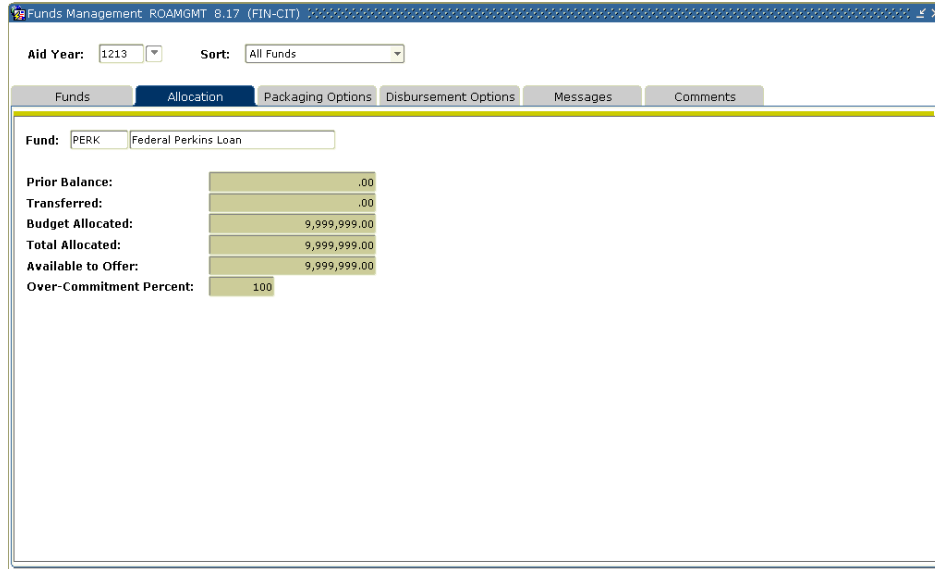
The ROAINST form has been modified to add the option to use only Offered Amounts when determining the Available to Offer Amount.

The screenshot shows the 'Options' tab of the ROAINST form. The 'Use Only Offered to Calculate Available to Offer' checkbox is checked and highlighted with a red box. Other options include International, Create Applicant Non Year User-Defined Data, Create Applicant User-Defined Data, Rescheduled Disbursement Date, Allow Award Status Updates When Locked, IM/EFM Need Calculation Installed, and Banner FM Need Calculation Installed. The Period Budgeting section shows Budgeting Group set to UGDPOM and Period Budgeting Enabled checked.

Fields	Descriptions
Use Only Offered to Calculate Available to Offer	Use Only Offered Funds to Calculate the Available to Offer Amount; Check for Yes. (ROBINST_Avail_OFFER_ONLY_IND).

If checked, only the awards currently offered are included when determining the Available to Offer Amount. If unchecked, the Available to Offer Amount includes declined and cancelled amounts.





## Changed processes

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### Fund Balance Roll Process (RFPFBRL)

The RFPFBRL process has been updated to print and process expanded column lengths correctly. Additional formatting has been applied to the output for reporting dollar amounts.

### Account Balance Report (RFRABAL)

The option to reconcile funds (single or multiple) has been added to RFRABAL. The reconcile functionality is the same as that which exists by selecting the option on ROAMGMT and will ensure the number of awards and the amounts stored in the Fund Aid Year Specific Data (RFRASPC) table correspond to the number and amounts of awards in the Applicant Award (RPRAWRD) table. When the option to **Reconcile Funds** (parameter 08) is selected, you may suppress printing of the detail information for the funds by setting the **Print Detail** parameter (09) to N(o); only the fund allocation information will be printed.

The RFRABAL report has also been updated to print expanded column lengths correctly. Additional formatting has been applied to the output for reporting dollar amounts and counts.

The following new parameters have been included for the 8.17 release:

Parameter	Descriptions	Values
08 Reconcile Funds	Perform fund reconciliation (Y)es/[N]o Required Single Length = 1 Type = Character	Default N
09 Print Detail	Print Detail [Y]es/(No) when reconciling funds. Required Single Length = 1 Type = Character	Default Y



**Note:** Parameter 09 (Print Detail) can only be N if Parameter 08 (Reconcile Funds) = Y. Fund reconciliation is at the fund and aid year level. Entering a Parameter 06 (Period) has no impact on fund reconciliation.

## Fund Budget Report (RFRBUDG)

The RFRBUDG report has been updated to print and process expanded column lengths correctly. Additional formatting has been applied to the output for reporting dollar amounts.

## Fund Description Report (RFRFUND)

The RFRFUND report has been updated to print and process expanded column lengths correctly. Additional formatting has been applied to the output for reporting dollar amounts:

- RPRFUND\_AVAIL\_OFFER\_AMT
- RPRFUND\_ORIG\_OFFER\_AMT
- RPRFUND\_PACKAGE\_AMT
- RPRFUND\_INSUFFICIENT\_AMT

## Simulation Fund Balance Report (RFRSBAL)

The RFRSBAL report has been updated to print and process expanded column lengths correctly. Additional formatting has been applied to the output for reporting dollar amounts.

## FA New Year Roll Process (ROPROLL)

The ROPROLL process has been updated to include the new ROBINST\_AVAIL\_OFFER\_ONLY\_IND column.

## Packaging Process (RPEPKG)

The RPEPKG process has been updated to print and process expanded column lengths correctly. The packaging process uses the Award APIs which determine the amount available to award for a fund based on the value of the **Use only Offered to Calculate Available to Offer** indicator on ROAINST.

# Common Origination and Disbursement (COD) - Functional

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This release includes necessary updates for 2013-2014 COD processing, based upon the guidelines outlined in the 2013-2014 COD Technical Reference. All aid year specific processes and forms have been created and updated for 2013-2014 processing.

As part of these 2013-2014 aid year updates, students who qualified for Title IV aid by completing an Ability-to-Benefit (ATB) test/process before July 1, 2012 will be considered a special case and permitted to retain their Title IV eligibility for July 1, 2012 and after. Beyond the July 1, 2012 date, all other students must have earned either a High School Diploma or General Educational Development (GED) to be considered eligible for Title IV aid.

To track a student's eligibility based on either ATB, High School Diploma, or GED, COD will not require that the ATB tags be sent indicating the appropriate status for every award and every student. In addition, COD Edit Message 199 (HS or Equivalent on CPS Tran does not match ATB Code submitted) has been added to RTVRJCT.

In addition, COD will now allow for ad-hoc Direct Loan SAS files and will no longer support paper MPN printing. Effective March 2013, exit counseling for Direct Loans/FFEL will be available on the StudentLoans.gov (SLG) website and the exit counseling currently available on NSLDS for Direct Loans/FFEL will be discontinued. Going forward, exit counseling on SLG will meet the regulatory requirements for satisfaction. Completion results of the exit counseling will be sent to schools in the existing CRECMYOP message class (EC doc type) with a new valid value of `ExitCounseling` in the `<CounselingType>` tag. The RERIM14 process has been modified to import these new exit counseling records and the Applicant Requirements API (`rb_requirement`) will also be used to satisfy any exit interview tracking code accordingly.

Updates to Banner have been made accordingly for the above changes.



**Note:** As in the past, Banner will not support Financial Aid Awareness Counseling. A warning message in the RERIM14 process will continue to be provided when a record exists in the import file.

# New forms

## 2013-2014 Grant Disbursement/Acknowledgement (READI14)

The READI14 form, which displays student Pell and TEACH disbursement records, has been created for the 2013-2014 aid year.



**Note:** This version of the form includes a resolution for Defect 1-17WMRVR. Refer to the *Problem Resolutions* section in this *Release Guide* for additional details.

## 2013-2014 Grant Origination/Acknowledgement (REAOR14)

The REAOR14 form, which maintains student Pell and TEACH origination records, has been created for the 2013-2014 aid year.

### Pell tab

The following image illustrates changes found on the REAOR14 form's Pell tab:

2013-2014 Grant Origination/Acknowledgement: REAOR14 8.17 (FIN-CIT) 1314

ID: 999131410 Anna Kichline

Pell TEACH

**Origination**

Origination ID: 999131410K1201462000400

Internal Sequence Number: 1

SAR ID: 999131410 KI 02

Current SSN: 999131410

Birth Date: 31-DEC-1989

Attendance Cost: 23,000.00

Verification Status: (None)

Date Enrolled: 01-AUG-2013

Incarcerated Student: (None)

**Amount Due Student:** 5,645.00

Campus Pell ID: 620004

Origination Lock Indicator

Action Code:

Date Sent:

Document ID:

Edit Messages:

**Acknowledgement**

Scheduled Pell Grant:

YTD Amount Paid:

Percentage Eligibility Used:

Lifetime Eligibility Used:

Negative Pending Amount:

Shared SAR ID:

Concurrent Enrollment:

Verification Without Documentation Status:

Potential Overpayment:

The **Additional Eligibility Indicator** fields from both Origination and Acknowledgement sections of the form have been removed for the 8.17 release.

The logic for the **Amount Due Student** field on the Pell tab has been modified to prohibit an entry from being more than 100% of a full scheduled award amount.

## Changed form

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### Direct Loan Origination (RPALORG)

The RPALORG form has been updated for the 2013-2014 aid year.

### PN Summary tab

The **MPN Reprinting Requested** field (RPRLAPP\_MPN\_REPRINT) has been modified and will no longer log Direct Loan correction changes made by the user.

This modification prevents a change from being sent to COD requesting that the MPN be re-printed and mailed to the borrower as COD will ignore those changes and no MPN will be mailed.

### Disbursement Details window

Beginning in March 2013 COD will allow on-demand Direct Loan SAS reports to be generated as needed by an institution. When the on-demand files are generated, a new field will be included in the file indicating the SAS start date.

Banner has been updated to import this new field.

The following image identifies the additional field found on the RPALORG form's Disbursement Details window:

Fields	Descriptions
Start Date	Start Date. Only included in the On-Demand Date Range SAS file. (RPRLADB_SAS_START_DATE).

## Changed menu

### 2013-2014 Electronic Data Exchange Menu - \*RESEDE14

The following forms have been added to \*RESEDE14 menu:

- 2013-2014 Grant Origination/Acknowledgement (REAOR14)
- 2013-2014 Grant Disbursement/Acknowledgement (READI14)

The \*RESEDE14 menu is displayed as the following:

Description	Object
ISIR Correction/Duplicate Request	REACORR
Batch Control	RPIBATC
COD Document Control	REICODD

<b>Description</b>	<b>Object</b>
2012-2013 Miscellaneous Results Inquiry	RNIMS13
2013-2014 Grant Origination/Acknowledgement	REAOR14
2013-2014 Grant Disbursement/Acknowledgement	READI14
TEACH Grant Agreement to Serve	RPATATS
Rejection Code Validation	RTVRJCT
Summary Statement of Account Inquiry	REISSOA
Assumption Rules Inquiry	RCIASMP
Detail Statement of Account Inquiry	REIDSOA
Data Request Record	RERRDRQ
Multiple Reporting Record Inquiry	REIRMRR
COD Year to Date Grant Summary	REIYTDS
COD Year to Date Grant Origination	REIYTDO
COD Year to Date Grant Disbursement	REIYTDD
COD Grant Reconciliation	REIRECN
NSLDS Transfer Monitoring Application	RNATMNT
COD Identifier	REASTID
COD Entity ID Rules	RORCODI
Applicant High School and Admission Data	ROAHSDT
Unmatched COD Records	RPAUCOD
Financial Aid CIP Code Rules	RPICIPC
State Advanced/Honors Program Codes	RPISAHP
Electronic Counseling Status	RPILECS
Ability-to-Benefit Test Score Rules	RORTESC
Ability-to-Benefit Test Administrator Rules	RORTADM
Ability-to-Benefit Test COD Rules Inquiry	ROIATBT

# New processes

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## 2013-2014 COD Print Process (RERCD14)

Year-specific updates were made to parameter descriptions and the output. Otherwise, no additional changes were made to the process.

## 2013-2014 COD Extract Process (REREX14)

Year-specific updates were made to parameter descriptions and the output.

### Processing updates

The REREX14 process has been modified to no longer extract the `<PromissoryNotePrintCode>` tag. This tag is now ignored in the Common Record by COD, as paper MPN printing is no longer supported.



**Note:** To resolve Defect 1-18TB57D, the REREX14 process has been updated to properly reference `rpradsb_disb_action_code` rather than `rpradsb_action_code` in debug mode.

### Ability-to-Benefit (ATB) extraction

Starting in 2013-2014, ATB information for all Direct Loan (Sub, Unsub, PLUS, and Grad PLUS), Pell, and TEACH originations, for all students at all grade levels, must be submitted. Additionally, High School Diploma and GED information will be sent as new valid values for the `<AbilityToBenefitCode>` tag for students who qualified by these means. New valid values for this tag include:

- 06 = High School Diploma
- 07 = GED

The high school eligibility submitted on the origination record against the student's answer will be matched by COD to the CPS transaction on file. If the value submitted in the `<AbilityToBenefitCode>` tag does not match the High School Diploma or equivalent value from the CPS Transaction, a new warning code of 199 will be returned in the Common Record.

If your school does not submit the `<AbilityToBenefitCode>` tag on the origination record for the DL, Pell, or TEACH award, a reject 994 will be returned in the Common Record. The global method of ATB qualification for students who were ATB eligible before July 1, 2012 will remain on the ROAHSDT form, while the student's high school or GED will be reflected on their ISIR record. Logic has been added to the REREX14 process to determine whether or not to pull the high school or GED status from the ISIR or to pull the ATB test information from ROAHSDT, to send on each origination record.

To meet these requirements, the RREX14 process has been updated to extract ATB information using the following updated logic:

- The value extracted in the <AbilityToBenefitCode> tag is also now determined by the **High School Diploma or Equivalent** field (RCRAPP4\_HS\_GED\_RCVD) displayed on the RNANAx form.
  - If the value of RCRAPP4\_HS\_GED\_RCVD =:
    - 1, set tag = 06
    - 2, set tag = 07
    - 3, set tag = 04
    - 4 or if NULL
  - If the value of RORHSDT\_ATBT\_COD\_CDE =:
    - 01, 02, or, 04 set tag = RORHSDT\_ATBT\_COD\_CDE
  - If the value of RORHSDT\_ATBT\_COD\_CDE =:
    - 03, 05, or NULL, the record is not extracted and an error message is printed to the log
- If the value extracted for the <AbilityToBenefitCode> = 02 (College Credits), 04 (Home Schooled), 06 (High School Diploma), or 07 (GED), the following other ATB fields will *not* be extracted with the record:
  - Test Code <AbilityToBenefitTestCode>
  - Test Administrator <AbilityToBenefitTestAdministratorCode>
  - Completion Date <AbilitytoBenefitCompletionDate>
  - State Code <AbilityToBenefitStateCode>
- If the value extracted for the <AbilityToBenefitCode> = 01 (Testing Completed), the following other ATB fields will be extracted:
  - Test Code <AbilityToBenefitTestCode>
  - Test Administrator <AbilityToBenefitTestAdministratorCode>
  - Completion Date <AbilitytoBenefitCompletionDate>
  - State Code <AbilityToBenefitStateCode>

However, if the <AbilityToBenefitCode> is NULL for all record types, the following error in the .log file printed and the student's is not extracted:

*\*ERROR\* ATB Eligibility Code is blank.*

Also, if the <AbilityToBenefitCode> = 03 or 05, the following error in the .log file printed and the student is not extracted:

*\*ERROR\* ATB Eligibility Code = 03 or 05 and is invalid*

COD has acknowledged that there are no State Process tests which a student could have taken to qualify by ATB before July 1, 2012. The code of "Other", created by COD for additional use, is also not valid. If your school were to submit the

<AbilityToBenefitCode> tag with a value of either 03 "State Process" or 05 "Other", reject 198 will be returned in the Common Record.



**Note:** To avoid processing confusion, RORMVAL descriptions of these values (03 "State Process" and 05 "Other") have been changed to indicate: "Not Used by COD". Also, these values (03 "State Process" and 05 "Other") have been removed from parameter 12 of the Financial Aid HS/Admission Data Posting (RORHSDP) process.

## RPE 1-GAL1KN

The REREX14 process was modified to store only one student at a time in memory to reduce the memory requirements needed for the process. The process now writes the student to the extract file after processing and loads the next student in memory.

Implementation of these changes are transparent to the Banner Financial Aid end user and resolves RPE RPE 1-GAL1KN.

## 2013-2014 Grant File Import (RERFI14)

Year-specific updates were made to parameter descriptions and the output. Additionally, Parameter 01 (Grant Acknowledgement or EDE Correction Filename) has been increased to accept a value of up to 30 characters.



**Note:** The expansion of Parameter 01 resolves RPE 1-12I6X49.

## Processing updates

### Flat-file support (Pell and TEACH COD Full Participants)

The RERFI14 process has been modified to support flat-files received by Pell and TEACH COD Full Participants for the 2013-2014 aid year. The following files received in a flat-file format for the 2013-2014 aid year are:

- PGRA14OP: #R - Pell Data Request Response
- PGAS14OP: #A - Pell Electronic Statement of Account (ESOA)
- PGMR14OP: #M - Pell Multiple Reporting Record (MRR)
- PGRC14OP: #C - Pell Reconciliation Record
- PGYR14OP: #Y - Pell Year-to-Date Record
- THMR14OP:TM - TEACH Multiple Reporting Record
- ATSDISOP: TI - TEACH Inactive Grant Report
- EXTHFFOP: TEACH Exit Counseling Report



**Note:** The files listed above are the only file types supported by RERF114 for the 2013-2014 aid year.

## Header/Trailer Record

The Batch Header ID (positions 17-20) for the 2013-2014 aid year must equal 2014 for all message classes except ATSDISOP and EXTHFFOP headers:

- ATSDISOP header (positions 17-20) - NULL, as this message class is non-aid year specific.
- EXTHFFOP header (positions 15-20) - NULL, as this message class is non-aid year specific.

## 2013-2014 COD File Import (RERIM14)

Year-specific updates were made to parameter descriptions and the output.

## Processing updates

### Streaming API for XML (StAX) Parser

The COD import processor has been modified to parse XML data using the StAX Parser instead of the Document Object Model (DOM) Parser. The DOM model loads the entire XML document into memory and is held in memory for the duration of the run. Once loaded, the entire XML document is available to the program, at the cost of the document's memory footprint. Typically, this is not an issue with smaller XML documents. However, memory usage can become a problem with the larger XML documents.

This change enhances processing efficiency because the StAX Parser pulls only those portions of the XML document into memory, in the moment, as needed. Use of the StAX Parser results in a reduced memory footprint.



**Note:** Implementation of the StAX Parser is transparent to normal Banner Financial Aid operations and resolves both RPE 1-17JDITJ and RPE 1-GAL1KN.

## Exit Counseling

Effective March 2013, exit counseling for Direct Loans/FFEL will be available on the StudentLoans.gov (SLG) website and the exit counseling currently available on NSLDS will be discontinued. The new exit counseling on SLG will meet the regulatory requirements for satisfaction. Completion results of the exit counseling will be sent to schools in the existing CRECMYOP message class (EC doc type) with a new valid value of `ExitCounseling` in the `<CounselingType>` tag.



**Note:** You will have the option to receive "Daily" or "On-demand" exit counseling responses when a borrower completes exit counseling on SLG. The School Options page on the COD website is where you can define the desired frequency.

New schools and schools currently participating in Entrance Counseling will be defaulted to "Daily" for the "Exit Counseling Response Frequency" option. Schools currently not participating in Entrance Counseling will be defaulted to "On-demand" for the "Exit Counseling Response Frequency" option.

The RERIM14 process has been updated to import these new Exit Counseling records sent to the EC doc type file. The Exit Counseling records will have a value of *ExitCounseling* in the <CounselingType> tag. The other Exit Counseling tags in the XML file for the student record are the same tags as delivered in the current *DLSEntranceCounseling* and *DLPEntranceCounseling* values within the <CounselingType> tag.



**Note:** The Applicant Requirements API (*rb\_requirement*) will also be used to satisfy any exit interview tracking code accordingly.

- Contrary to the existing exit counseling received from NSLDS, the exit counseling results from SLG will not include the Current and Permanent Address, References, Next of Kin or Employer information. If desired, this information must be obtained from NSLDS.
- When the student submits the exit counseling on SLG, the record will be sent to the school in the EC doc type, in addition to SLG backfilling the NSLDS with the same information. This backfill allows schools to request exit counseling data from the NSLDS which will include the Current and Permanent Address, References, Next of Kin or Employer information.
- The RPRDU14 process for the 2013-2014 aid year will continue to support the same NSLDS exit counseling message classes as in 2012-2013.

## 2013-2014 Grant Orig Creation (REROR14)

Year-specific updates were made within the process to parameter descriptions and the output. No other updates have been made.

## Financial Aid HS/Admission Data Posting (RORHSDP)

Job submission parameters have been changed for the 2013-2014 Aid year:

Parameter Number	Value	Current Description	New Description
12	03	State Process	Not Used by COD
12	05	Other	Not Used by COD

Additionally, RORHSDP parameters 13 and 14 have been set to:

*Not used at this time*

## 2013-2014 DL Flat-File Upload (RPRDU14)

Year-specific updates were made within the process to parameter descriptions and the output.

### Processing updates

#### File type imports

Imports of only the following file types are allowed in RPRDU14:

File type	Description
AHSLDEOP:	Ad-hoc Loan Exit Counseling Results (Fixed-Length)
DSDF14OP:	AS – Import School Account Statement (Fixed-Length, Loan Detail, Disbursement Level)
DSL14OP:	AS – Import School Account Statement (Fixed-Length, Loan Detail, Loan Level)
DSMF14OP:	DL Import Month-to-Date School Account Statement (Fixed-Length, Disbursement Detail Only)
DSRF14OP:	DL Date Range School Account Statement (Fixed-Length, Disbursement Detail Only)
DSYF14OP:	DL Year-to-Date School Account Statement (Fixed-Length, Disbursement Detail Only)
EXITFFOP:	Exit Counseling Results (Fixed-Length)
MPNDISOP:	MPN Discharge Report (Fixed-Length)

File type	Description
MPNINAOP:	MPN Expired Report (Fixed-Length)
MPNEXPOP:	MPNs Due to Expire Report (Fixed-Length)

## On Demand Direct Loan SAS reports

Beginning with the 2013-2014 aid year COD is making available new On Demand SAS reports for Direct Loans and TEACH grants. These reports can be requested by the school via the COD website and can be chosen in various activity types (Month to Date, Year to Date, Date Range) and in various formats (Fixed Length, Comma Delimited, Pipe Delimited).

### Direct Loans

These new, unique reports will only contain the Disbursement Detail (record type D), along with the standard DL header and trailer. The record layout for these three new message classes is identical, however the amount of data in each file will differ based on the period of time requested.

The RPRDU14 process has been updated to import three new Direct Loan SAS reports:

- DSMF14OP - Month-to-Date, Fixed Length
- DSRF14OP - Date Range, Fixed Length
- DSYF14OP - Year-to-Date, Fixed Length



**Note:** The new On-Demand SAS message class record layouts are the same as the existing DSDFxxOP (Batch Type AS, Record Type D) record layout, except for changes in positions 177-214 (fields 25 and 26), shown in the following table.



**Note:** The new TEACH grant SAS reports are being made available in the Comma Delimited format only at this time by COD. At this time, these files are not supported by Banner.

The RPRDU14 job submission output has been updated to indicate these new message classes were processed or not processed. The following table describes the record layout for these new message classes:

Field No.	Start Pos.	End Pos.	Length	Field Name and Desc.	Valid Field Content	Justify	Banner Column Imported to
25	177	206	30	Filler	For ED use only		N/A
26	207	214	8	Start Date The date representing the start of the current statement period	Format is CCYYMMDD 19000101-20991231 For Date Range requests only Blank for Month-to-Date and Year-to-Date requests	Date	RPRLADB_SAS_ START_DATE

## Changed processes

---

### COD Import/Export Report (RERIMEX)

The RERIMEX job submission output has been updated to account for the exit counseling records which will now be sent in the EC doc type. Additionally, the report output heading has also been updated to indicate:

*DIRECT LOAN COUNSELING - IMPORT REPORT*

### Exit Counseling records

#### Matched records

Matched Exit Counseling records will have:

- RPRLECS\_COUNSELING\_TYPE = X
- RPRLECS\_ENTRANCE\_TYPE = NULL

#### Unmatched records

Unmatched Exit Counseling records will not appear on the RERIMEX output as they are not imported to a temporary table. To review unmatched Exit Counseling records, refer to RERIM14 job submission output.

### Direct Loan Record Creation (RPRLORC)

The RPRLORC process has been updated to delete and replace the origination record prior to copying the address information.



**Note:** This update resolves Defect 1-18QA1RT.

# Community Source - Functional

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As part of the Community Source Initiative, a modification to the existing Banner Financial Aid Automatic Group Assignment (RORGRPS) process has been implemented. This functionality allows you to run budgeting, packaging, and tracking grouping in simulation/audit mode.

When running RORGRPS in Actual mode, the process will function as it has in the past. However, running the updated RORGRPS process in simulated/audit mode will now write the student's selected groups to an audit table instead of updating the RORSTAT table. The new ROBAUDG audit table will contain those groups that would have been assigned to each student as if the program had been run in Actual mode.

In ROBAUDG, there will be only one set of groups per student and aid year, just as there is one set in RORSTAT for each student and aid year. This functionality offers no capability of comparing multiple simulations. With this information stored in a table, it can be used to develop home grown reports, write population selections against to automate regrouping, etc.

## Changed process

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### Automatic Group Assignment (RORGRPS)

The RORGRPS process has been modified to allow you to run budgeting, packaging, and tracking grouping in simulation/audit mode. Running the program in simulated/audit mode will write the student's selected groups to an audit table rather than updating the RORSTAT table.

The new Audit Grouping Table (ROBAUDG) will store those groups that would have been assigned to each student, as if the program had been run in Actual mode.

When running RORGRPS in simulated/audit mode, processing changes include:

- Logic used to assign actual tracking, aid year budgeting, and packaging groups is skipped.
  - Prior to this change, processing logic did not consider students with locked tracking, packaging, or budgeting groups because their groups cannot be updated. Under simulated/audit mode control, because the actual groups will not be updated, even students with locked tracking, budgeting, and packaging groups will be considered.
- Once a pidm is found to match on a rule, the Audit Grouping Table (ROBAUDG) will be updated (instead of RORSTAT).

- The count of "Applicants Assigned" vs. "Applicants Assigned in Audit" will be reported.
  - Logic has been added to query the RORSTAT table for the given group to obtain a count. This query considers the population selection (if one is provided).
  - If the new parameter (13) = Y (Print Simulation Report), the RORGRPS report will be created showing the students whose assignments would have been changed if the process had been run in Actual mode.
- The RORGDAT table update will be skipped.
  - When running the process in actual mode, this table is used to log the last execution date of the rule and the number of students assigned to the group. Considering the desired result of the enhancement, logging these entries would be inappropriate when running in simulated/audit mode.
- Any student already logged to the ROBAUDG table will have their groups updated when appropriate, if the process is re-run in simulation/audit mode.
  - The audit table will always reflect the latest values for the student.

New functionality for Group Assignment processing includes the following parameters:

Parameter	Descriptions	Values
12 Action Indicator	[A]ctual or (S)imulated Grouping. Required Single Length = 1 Type = Character	Default A
13 Simulation Print Option	Print Simulation Report - (Y)es or [N]o. Required Single Length = 1 Type = Character	Default N



**Note:** Institutions using Period and Algorithmic Budgeting can use simulation functionality delivered with RBRPBG for budgeting simulation and the new RORGRPS simulation functionality for Packaging and Tracking Grouping.

# INAS Upgrade - Functional

---

The College Board has released the INAS Technical Upgrade for the 2013-2014 IM/EFM version of INAS as well as the 2013-2014 FM version of INAS. Banner Financial Aid has been updated to accommodate these latest changes. Only schools who have identified themselves as INAS IM clients will be provided the ability to download and use the objects associated with these INAS Technical Upgrades.

## Changed processes

---

This release provides ongoing support for the Institutional Methodology (IM) by way of updates to the "migrate" and "compare" functions and other IM enhancements and corrections. This edition also provides minor updates to the Estimated Federal Methodology (EFM) through corrections to processing logic and final FM yearly regulatory updates.

The following modules have been modified for IM/EFM calculations in conjunction with this release:

### INAS2014.pco

The INAS Root Need Analysis program is the primary entry point and "routing" program for INAS. The program determines whether or not to perform the IM, FM, or EFM calculations (based on the type of data passed to it by the user's calling program) and calls the `ININAR14.pco` subroutine to produce the INAS Need Analysis Report (INAR).

As is standard with every INAS release, `INAS2014.pco` was modified to update the INAS version control information.

### IMMAPO14.pco

This program was updated to accommodate the change in name of food stamps to SNAP benefit.

### IMCALC14.pco

This program was updated to increase the maximum length on final Contribution fields to 7 bytes.

## IMTWEK14.pco (Defect 1-19RVGBL)

This program was updated to correct defect 1-19RVGBL where INAS may produce an incorrect result for an independent student filer reporting a home value greater than zero. For these filers, the value of the home is always imputed and the imputed value is used in the calculation.

## INMIGR14.pco

Logic was added to this program to accommodate calculations using the student's and parent's SSI, SNAP (Food Stamps), Free Lunch, TANF and WIC benefits.

## INCOMP14.pco

Logic was added to this program to accommodate comparison functions when using the student's and parent's SSI, SNAP (Food Stamps), Free Lunch, TANF and WIC benefits.

## ININAR14.pco

This program was modified to increase Family Contribution sizes in the header area.

The following modules have been modified to support FM calculations in conjunction with this release:

- FMR14
- FMCNST14
- FMTWEK14.pco
- FMSNT14.pco
- FMRJCT14.pco
- FMCALC14.pco



**Note:** Some of these modifications are delivered to maintain symmetry with the College Board. The INAS FM calculation is not used by Banner clients. However, to ensure INAS performs correctly as a whole, all code modifications must be applied.

# Miscellaneous Enhancements - Functional

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This section describes miscellaneous functional enhancements (RPEs) and clarifications for defect resolutions included in the 8.17 release.

## Resolved RPEs

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### Funds Available to Offer Calculation

This section describes RPEs associated with the Funds Available to Offer Calculation enhancement for the 8.17 release.

#### RFIBUDG field size

##### RPE 1-127OBOJ

###### *Reported*

This RPE is concerning the field size for the numbers on the term data for RFIBUDG. Can we move it to allow 999,999,999 in the header?

###### *Requested functionality*

Increase the field size for the numbers in the term data on RFIBUDG to allow 999,999,999 in the header

###### *Resolution*

RFIBUDG field sizes have been expanded to display the maximum length.

## Ability to adjust canceled/declined amount

### RPE 1-2PYRB7

#### *Reported*

RFIBUDG/RFRMGMT can become difficult to manage when a student is awarded a fund, and it is partially disbursed. For instance, a student is awarded a Perkins loan for \$3000, \$1500 Fall, \$1500 Spring. The Perkins loan is then disbursed to the student because they are enrolled. In our 10-day drop/add period, the student decided not to come and dropped all their courses. We then draw back the funds and cancel the award because we know the student is not coming, and the Paid Amount on RPAAWRD now shows \$0, and the Canceled/Declined field shows \$3000. This \$3000 is being used to determine how much is left to package in RFIBUDG, but since we cannot delete the award or change the canceled/declined amount, we are forced to increase RFRMGMT.

#### *Requested functionality*

Allow manipulation of the Canceled/Declined field as needed, especially for funds that have a limited pool such as State Grants, Perkins loans, and the SEOG.

#### *Resolution*

The option to include on funds which have been offered in the calculation of the available to offer amount has been provided.

## Extend the allowable percent over commitment from 999 to 9999

### RPE 1-3C062D

#### *Reported*

Some funds are extremely under utilized and need to have a higher percent over-commitment than what is allowed. We have some funds that need an over-commitment percent above 999. Currently, we are forced to increase the budget, rather than the over-commitment percent. This is dangerous for disbursable funds because the fund may disburse more than we want it to disburse and must be constantly watched, rather than allowing the delivered functionality to work for us.

#### *Requested functionality*

Extend the number of characters allowable from 3 to 4 in the over-commitment percent field of RFRGMT.

### *Resolution*

The over commitment percent field has been expanded (RFRASPC\_AVAIL\_OFFER\_PCT).

## Availability of declined/canceled funds

### RPE 1-3FFKTT

#### *Reported*

Many users express concern that fund allocation, availability, and remaining figures in Banner are of little or no value. Advice in Featured Solutions and BFINAID listserver all suggest workarounds.

#### *Requested functionality*

Declined and cancelled funds should be released as available funds so that Financial Aid managers can run reports or view current REAL remaining balances in your system.

#### *Resolution*

The option to include on funds which have been offered in the calculation of the available to offer amount has been provided.

## Use of fund dollars not accepted

### RPE 1-6X2HDV

#### *Reported*

Currently, a funds allocation is used when funds are accepted or declined/cancelled. The holding of these declined/cancelled dollars prevents the awarding of that money to other students unless you overcommit the fund on RFRMGMT. Overcommitting the fund can lead to possible problems when attempting to stay at or under the limit of that fund.

#### *Requested functionality*

Change the code regarding declined/cancelled funds to free that money to be used in awarding other students without having to commit the fund limit on RFRMGMT.

#### *Resolution*

The option to include on funds which have been offered in the calculation of the available to offer amount has been provided.

## Reconcile feature

### RPE 1-1648GXP

#### *Reported*

Create a jobsub process that would execute the code behind the 'Reconcile All' feature on ROAMGMT. This would enable institutions to schedule the process to run after hours to reconcile all funds.

#### *Requested functionality*

Create a new jobsub routine.

#### *Resolution*

The option to reconcile funds in a batch process using the Fund Account Balance Report (FRABAL) has been provided.

## RFIBUDG displays cancelled amounts

### RPE 1-QKGUL5

#### *Reported*

RFIBUDG currently adds cancelled award amounts into the total amount. If you want to award the cancelled funds to a new students you have to increase the overall budget.

#### *Requested functionality*

Remove cancelled award amounts from being included in the total available amount to award.

#### *Resolution*

The option to include on funds which have been offered in the calculation of the available to offer amount has been provided.

## COD

This section describes RPEs associated with COD for the 8.17 release.

### RERFIxx

#### RPE 1-12I6X49

##### *Reported*

The name of the file read by a RERFIxx program is restricted to 12 characters. This likely based on "<8 character message class>.<3 character extension>". The name length is restricted by the definition of parameter 01. Of the programs that read DOE files, RERFIxx programs have the shortest name restriction.

##### *Requested functionality*

Change parameter 01 to allow 30 character names.

##### *Resolution*

To satisfy this RPE the RERFI14 parameter 01 for the filename has been lengthened to 30 characters.

### StAX Parser

#### RPE 1-17JDITJ

##### *Reported*

Each year we have to mod the import job to accommodate the larger than normal file we get after our first disbursements for the fall and spring. Can a permanent change be made to the RERIM\* jobs that allow for larger files so we don't have to maintain a local mod? We usually double the heap size.

##### *Requested functionality*

None.

##### *Resolution*

The COD import processor has been modified to parse XML data using the StAX Parser instead of the DOM Parser. The DOM model loads the entire XML document into memory and is held in memory for the duration of the run. Once loaded, the entire XML document is available to the program, at the cost of the document's memory footprint. Typically, this

is not an issue with smaller XML documents. However, memory usage can become a problem with the larger XML documents.

This change enhances processing efficiency because the StAX Parser pulls only those portions of the XML document into memory, in the moment, as needed. Use of the StAX Parser results in a reduced memory footprint.

Implementation of the StAX Parser is transparent to normal Banner Financial Aid operations and resolves both RPE 1-17JDITJ and RPE 1-GAL1KN.

## Loan Processing - Increase buffer size

### RPE 1-GAL1KN

#### *Reported*

See FAQs # 1-1JH725 and # 1-12IYNFL for additional information. When attempting to create large export files (REREXxx) or process large import response files (RERIMxx) from COD, the following error may occur: java.lang.OutOfMemoryError: Java heap space. We process over 116 million dollars each year in student loans and it would be too difficult to send in smaller files in order to adjust to the problem, therefore an RPE is being requested.

#### *Requested functionality*

Increase the buffer size in baseline.

#### *Resolution*

The 2013-2014 COD extract process (REREX14) process has been modified to store only one student at a time in memory to reduce the memory requirements needed for the process. The process now writes the student to the extract file after processing and loads the next student in memory. This change, along with changes to the COD Import process identified below, resolve RPE 1-GAL1KN.

The 2013-2014 COD Import Process (RERIM14) has been modified to parse XML data using the StAX Parser instead of the DOM Parser. The DOM model loads the entire XML document into memory and is held in memory for the duration of the run. Once loaded, the entire XML document is available to the program, at the cost of the document's memory footprint. Typically, this is not an issue with smaller XML documents. However, memory usage can become a problem with the larger XML documents.

This change enhances processing efficiency because the StAX Parser pulls only those portions of the XML document into memory, in the moment, as needed. Use of the StAX Parser results in a reduced memory footprint.

Implementation of the StAX Parser is transparent to normal Banner Financial Aid operations and resolves both RPE 1-GAL1KN and RPE 1-17JDITJ.

# Clarifications

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## Banner Financial Aid User Guide

### FM Need Analysis (RNPFMxx) (Defect 1-1BGNEV5)

#### Reported

In the 8.16 version of the *Banner Financial Aid User Guide, Reports and Processes* section (page 4-205), incorrectly lists a new Parameter 09, Suppress .lis file for Online, for the RNPFMxx process.



**Note:** The 8.16 *Release Guide* (page 69), also incorrectly indicates Parameter 09 had been added for the 1314 aid year.

#### Resolution

All references to the formerly described RNPFMxx Parameter 09, Suppress .lis file for Online, have been removed from the *Banner Financial Aid 8.17 User Guide*.

### Budget Type Validation (RTVB Typ) (Defect 1-1BH9OR1)

#### Reported

In the 8.16 version of the *Banner Financial Aid User Guide, Budgeting procedures, Aid year budgeting, Overview* section (page 2-81), reference to Budget Group Validation (RTVBGRP) should be Budget Type Validation (RTVB Typ).

2. Define all valid budget types on the Budget Group Validation (RTVBGRP) form.

Review all of the valid budget types and indicate whether they are Campus, Institutional, Pell, State, or some other budget. For example, for each budget type, which Expected Family Contribution should be used, Federal or Institutional?

#### Resolution

Reference to the Budget Group Validation (RTVBGRP) form has been updated to refer to the Budget Type Validation (RTVB Typ) form in the section noted in the *Banner Financial Aid 8.17 User Guide*.

## Federal Shopping Sheet in Self-Service (Defect 1-1BJJIOC)

### Reported

In the 8.16 version of the *Banner Financial Aid User Guide, Federal Shopping Sheet, Shopping Sheet setup* section (page 2-190), the RORWEBR\_SS\_INFO\_ACCESS\_IND field is listed incorrectly.

The RORWEBR\_SS\_INFO\_ACCESS\_IND field mentioned in the following sentence does not exist.

In addition, if you want to disable access to the Shopping Sheet for all applicants, regardless of the RORSTAT\_SS\_INFO\_ACCESS\_IND setting, you can set RORWEBR\_SS\_INFO\_ACCESS\_IND to N.

The two fields in the Web Processing Rules tab of ROAINST that control if students can see the Federal Shopping Sheet in Self-Service as an HTML page or a PDF document are:

- RORWEBR\_SS\_PDF\_INFO\_ACCESS\_IND
- RORWEBR\_SS\_HTM\_INFO\_ACCESS\_IND

### Resolution

References to the RORWEBR\_SS\_INFO\_ACCESS\_IND found in the *Banner Financial Aid 8.16 User Guide* have been removed. The proper field references are included and referenced in the *Banner Financial Aid 8.17 User Guide*:

- RORWEBR\_SS\_PDF\_INFO\_ACCESS\_IND
- RORWEBR\_SS\_HTM\_INFO\_ACCESS\_IND

## Oracle Pipes/Advanced Queuing (Defect 1-1B89ZB7)

### Reported

In the 8.16 version of the *Banner Financial Aid User Guide, Processing, Oracle Pipes/Advanced Queuing, "Listener" mode online processing performance enhancement using Oracle Pipes/Advanced Queuing* section (page 2-443), requires clarification. The first Note on this page states:



#### Note

Oracle Pipes and Advanced Queuing are currently only supported on Unix platforms. ■

Additionally, a Note found in the *Configuring supported processes to use Oracle Pipes/Advanced Queuing* section (top of page 2-445) also requires clarification. This Note states:



#### Note

The RNRPINI process is not designed to function in a Windows NT or Linux environment to use Oracle Pipes/Advanced Queuing. ■

## Resolution

To resolve Defect 1-1B89ZB7 to clarify that the Oracle Pipes/Advance Queuing option for the COBOL processes RPEDISB (Disbursement), RNEINxx (INAS IM Need Analysis) and RPEPELL (Pell calculation) is limited to Unix platforms. However, Advance Queuing for the Java Process RNPFMxx (FM Need Calculation) and RPRSSBP (Shopping Sheet) is available for both Unix and Windows platforms. The following changes have been made to the *Banner Financial Aid 8.17 User Guide*:

- The section heading has been changed to reflect its descriptive nature, *Oracle Pipes/Advanced Queuing for COBOL*. This links the section's material specifically to the identified COBOL processes.
- To clarify additional Java based Advanced Queuing processing, a new section, *Oracle Advanced Queuing for Java*, has been added to the *Processing* chapter. This new section describes Advanced Queuing operations used for FM Need Analysis Calculations and Shopping Sheet batch processing.

# Funds Available to Offer Calculation - Technical

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This chapter describes the technical changes that support the 8.17 release.

## Changed tables

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### Fund Aid Year Specific Data Table (RFRASPC)

The RFRASPC table has been modified to increase column size. The following columns have been expanded:

Column Name	Current Type	New Type
RFRASPC_BUDG_ALLOC_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_AVAIL_OFFER_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_AVAIL_OFFER_PCT	NUMBER ( 6 , 3 )	NUMBER ( 7 , 3 )
RFRASPC_TRANSFER_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_PRIOR_BAL_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_TOTAL_ALLOC_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_ORIG_OFFER_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_OFFER_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_ACCEPT_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_DECLINE_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_CANCEL_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_AUTHORIZE_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_MEMO_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )
RFRASPC_PAID_AMT	NUMBER ( 11 , 2 )	NUMBER ( 17 , 2 )

## Temporary Fund Aid Year Specific Data Table (RFTASPC)

The RFTASPC table has been modified to increase column size. The following columns have been expanded:

Column Name	Current Type	New Type
RFTASPC_BUDG_ALLOC_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_AVAIL_OFFER_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_AVAIL_OFFER_PCT	NUMBER (6, 3)	NUMBER (7, 3)
RFTASPC_INSUFFICIENT_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_TRANSFER_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_PRIOR_BAL_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_TOTAL_ALLOC_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_ORIG_OFFER_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_OFFER_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_ACCEPT_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_DECLINE_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_CANCEL_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_AUTHORIZE_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_MEMO_AMT	NUMBER (11, 2)	NUMBER (17, 2)
RFTASPC_PAID_AMT	NUMBER (11, 2)	NUMBER (17, 2)

## Financial Aid Institution Table (ROBINST)

The following columns have been added:

Column	NULL	Type	Comment
ROBINST_AVAIL_OFFER_ONLY_IND	No	DEFAULT = N	USE OFFERED ONLY TO CALCULATE AVAILABLE TO OFFER INDICATOR: Indicates if cancelled and declined funds are included in the available to offer calculation.

## Packaging Fund Total Table (RPRFUND)

The RPRFUND table has been modified to increase column size. The following columns have been expanded:

Column Name	Current Type	New Type
RPRFUND_AVAIL_OFFER_AMT	NUMBER(11,2)	NUMBER(17,2)
RPRFUND_ORIG_OFFER_AMT	NUMBER(11,2)	NUMBER(17,2)
RPRFUND_PACKAGE_AMT	NUMBER(11,2)	NUMBER(17,2)
RPRFUND_INSUFFICIENT_AMT	NUMBER(11,2)	NUMBER(17,2)

## New package

---

### RFKASPC package

Package	Specification	Body
RFKASPC	rfkaspc0.sql	rfkaspc0.sql

The following procedures have been updated for this release to update (correct) fund totals and counts for all funds for the aid year:

- P\_RECALC\_ALL\_FUNDS
- P\_RECALC\_SINGLE\_FUND

## Changed package

---

### RPK\_AWARD\_VALIDATION package

Package	Specification	Body
RPK_AWARD_VALIDATION	rpk_award_val0.sql	rpk_award_val0.sql

The package has been updated for this release:

- **F\_AWARD\_EXCEEDS\_FUNDS\_AVAIL**
  - If **ROBINST\_AVAIL\_OFFER\_ONLY\_IND = N** the current Available to Offer calculation remains unchanged and continues to include cancelled and declined amounts.
  - If **ROBINST\_AVAIL\_OFFER\_ONLY\_IND = Y** the Available to Offer calculation will not include the cancelled or declined amounts.

## Changed database trigger

---

### RT\_ROBINST\_LOG\_INSUPDDTL (rotinst9.sql)

The **ROBINST\_AVAIL\_OFFER\_ONLY\_IND** column has been added for this release:

## Required data

---

### Jobs Parameter Definition Table (GJBPDEF)

#### rgjbpdefi\_081700.sql

A new script, **rgjbpdefi\_081700.sql**, has been included to add the generated entries for the Account Balance Report (RFRABAL) process.

### General Jobs Parameter Value Table (GJBPVAL)

#### rgjbpvali\_081700.sql

A new script, **rgjbpvali\_081700.sql**, has been included to add the generated entries for the Account Balance Report (RFRABAL) process.

## Logging Control Repeating Table (RORLOGC)

### rorlogci\_081700.sql

A new script, `rorlogci_081700.sql`, has been included to insert entries for the new columns:

- `RORLOGC_ACTIVITY_DATE = SYSDATE`
- `RORLOGC_USER_ID = USER`
- `RORLOGC_ACTIVE_IND = N`

<b>RORLOGC_TABLE_NAME</b>	<b>RORLOGC_COLUMN_NAME</b>	<b>RORLOGC_COLUMN_DESC</b>
ROBINST	ROBINST_AVAIL_OFFER_ONLY_IND	USE OFFERED ONLY TO CALCULATE AVAILABLE TO OFFER INDICATOR

# Common Origination and Disbursement (COD) - Technical

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The technical section discusses the changes made to support the COD modifications in the Banner Financial Aid 8.17 release.

## Changed tables

---

### Loan Disbursement Schedule (RPRLADB)

The following column has been added to capture the Start Date for the new DL On Demand SAS files:

Column	NULL	Type	Comment
RPRLADB_SAS_START_DATE	Yes	Date	SCHOOL ACCOUNT STATEMENT START DATE: The start date of this booked loan disbursement in the Direct Loan School Account Statement for the period of time requested.

## New packages

---

### 2013-2014 COD Extract Database Package (REKCE14)

This package has been copied from the existing 2012-2013 database package `rekce130.sql` and `rekce131.sql`.

Package	Specification	Body
REKCE14	<code>rekce140.sql</code>	<code>rekce141.sql</code>

## 2013-2014 COD Import Database Package (REKCI14)

This package has been copied from the existing 2012-2013 database package rekci130.sql and rekci131.sql.

Package	Specification	Body
REKCI14	rekci140.sql	rekci141.sql

## 2013-2014 Grant Origination Package (REKOR14)

This package has been copied from the existing 2012-2013 database package rekci131.sql and rekor131.sql.

Package	Specification	Body
REKOR14	rekor140.sql	rekor141.sql

## Changed packages

---

The following program objects have been changed to support the Banner Financial Aid 8.17 release:

## RB\_HIGH\_SCHOOL\_DATA API

Package	Specification	Body
RB_HIGH_SCHOOL_ DATA_RULES	rokb_rorhsdt_r0.sql	rokb_rorhsdt_r1.sql

## Ability-to-benefit Edit Removed

- If P\_ATBT\_COD\_CDE = 03, then RORHSDT\_ATBT\_CDST\_CDE AND RORHSDT\_ATBT\_COMP\_DATE cannot be NULL

## RB\_LOAN\_DISBURSEMENT API

The Loan Disbursement API (RB\_LOAN\_DISBURSEMENT) has been updated to include and process the new RPRLADB\_SAS\_START\_DATE column.

Package	Specification	Body
DML_RPRLADB	rpkd_rprladb0.sql	rpkd_rprladb1.sql
RB_LOAN_DISBURSEMENT	rpkb_loan_disb0.sql	rpkb_loan_disb1.sql

## Changed database trigger

---

### RT\_RPRLADB\_LOG\_INSUPDDTL (rptladb9.sql)

The RT\_RPRLADB\_LOG\_INSUPDDTL (rptladb9.sql) logging trigger has been modified to add the new RPRLADB\_SAS\_START\_DATE column.

## Changed view

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### RPVLADB\_PRDS View (rpvladb\_prds.sql)

The RPVLADB\_PRDS View (rpvladb\_prds.sql) has been modified to include the new RPRLADB\_SAS\_START\_DATE column.

## Required data

---

### Parameter Validation Table (GJBPVAL)

#### rgjbpvald\_081700.sql

A new script, `rgjbpvald_081700.sql`, has been included to modify the Parameter Validation Table entries for the Financial Aid HS/Admission Data Posting (RORHSDP) process.



**Note:** You must execute this script as part of the Banner Financial Aid 8.17 installation to ensure that correct values exist in the table prior to user processing.

Parameter Number	Value	Current Description	New Description
12	03	State Process	Not Used by COD
12	05	Other	Not Used by COD

### Miscellaneous Validation Rules Table (RORMVAL)

#### rormvalu\_081700.sql

The `rormvalu_081700.sql` script has been created to update the following values in RORMVAL.



**Note:** You must extract this script as part of the Banner Financial Aid 8.17 installation to ensure that correct values exist in the table prior to user processing.

## RORHSDT\_ATBT\_COD\_CDE

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
RORHSDT_ATBT_COD_CDE		

RORMVAL_CODE	RORMVAL_DESC	RORMVAL_TRANS_CODE	RORMVAL_TRANS_COMMENT
03	Not Used by COD		
05	Not Used by COD		

RORMVAL_SYSTEM_REQ_IND	RORMVAL_DATA_ORIGIN	RORMVAL_USER_ID	RORMVAL_ACTIVITY_DATE
Y	BANNER	USER	SYSDATE

## Data Dictionary Table (RORDATA)

### rordatad\_081700.sql

A new script, `rordatad_081700.sql`, has been included to remove the following entry in the Data Dictionary Table (RORDATA) so that it will no longer be logged and captured as a DL change record.



**Note:** You must extract this script as part of the Banner Financial Aid 8.17 installation to ensure that correct values exist in the table prior to user processing.

The record that already exists in RORDATA will be deleted where the following is true:

- RORDATA\_CDE = RPRLAPP\_MPN\_REPRINT
- RORDATA\_AIDY\_CODE = 1314
- RORDATA\_AUDIT\_IND = Y
- RORDATA\_PELL\_IND = N
- RORDATA\_SYSTEM\_REQ\_IND = Y

## Logging Control Repeating Table (RORLOGC)

### rorlogci\_081700.sql

A new script, `rorlogci_081700.sql`, has been included to add entries to the Logging Control Repeating Table (RORLOGC) for the following new columns:



**Note:** You must execute this script as part of the Banner Financial Aid 8.17 installation to ensure that correct values exist in the table prior to user processing.

- RORLOGC\_USER\_ID = USER
- RORLOGC\_ACTIVITY\_DATE = SYSDATE

RORLOGC_ TABLE_ NAME	RORLOGC_COLUMN_NAME	RORLOGC_COLUMN_DESC	RORLOGC_ LOG_IND
RPRLADB	RPRLADB_SAS_START_DATE	SCHOOL ACCOUNT STATEMENT START DATE	N

## Reject Validation Table (RTVRJCT)

A new script, `rtvrjcti_081700.sql`, has been included to insert the following new codes:



**Note:** You must execute this script as part of the Banner Financial Aid 8.17 installation to ensure that correct values exist in the table prior to user processing.

RTVRJCT_ TYPE	RTVRJCT_ CODE	RTVRJCT_ ACTIVITY_ DATE	RORLOGC_COLUMN_DESC	RORLOG C_ LOG_IND
F	199	SYSDATE	HS or Equivalent on CPS Tran does not match ATB Code submitted	Y

# Community Source - Technical

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This chapter describes the technical changes that support Group Assignment processing.

## New table

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### Audit Grouping Table (ROBAUDG)

This new table has been added for the 8.17 release.

Column	NULL?	Type	Comment
ROBAUDG_AIDY_CODE	No	VARCHAR2 ( 4 )	AID YEAR CODE: The aid year to be associated with information in this record.
ROBAUDG_PIDM	No	NUMBER ( 8 )	PIDM: The internal system student identification number.
ROBAUDG_AUDIT_BGRP_CODE	Yes	VARCHAR2 ( 6 )	AUDIT BUDGET GROUP: The budget group assigned to the applicant when running budget grouping in audit mode.
ROBAUDG_AUDIT_BGRP_DATE	Yes	DATE	AUDIT BUDGET GROUP DATE: The date the audit budget group was assigned to the applicant.
ROBAUDG_AUDIT_PGRP_CODE	Yes	VARCHAR2 ( 6 )	AUDIT PACKAGING GROUP: The packaging group assigned to the applicant when running package grouping in audit mode.
ROBAUDG_AUDIT_PGRP_DATE	Yes	DATE	AUDIT PACKAGING GROUP DATE: The date the audit packaging group was assigned to the applicant.
ROBAUDG_AUDIT_TGRP_CODE	Yes	VARCHAR2 ( 6 )	AUDIT TRACKING GROUP: The tracking group assigned to the applicant when running track grouping in audit mode.

Column	NULL?	Type	Comment
ROBAUDG_AUDIT_TGRP_DATE	Yes	Date	AUDIT TRACKING GROUP DATE: The date the audit tracking group was assigned to the applicant.
ROBAUDG_DATA_ORIGIN	Yes	VARCHAR2(30)	DATA ORIGIN: The latest source for the data contained in this record.
ROBAUDG_USER_ID	Yes	VARCHAR2(30)	USER ID: The user ID of the person who inserted or last updated this record.
ROBAUDG_ACTIVITY_DATE	Yes	DATE	ACTIVITY DATE: The date that information in this record was entered or last updated.
ROBAUDG_SURROGATE_ID	Yes	NUMBER(19)	SURROGATE ID: The surrogate ID for this record.
ROBAUDG_VERSION	Yes	NUMBER(19)	VERSION: The optimistic lock token for this record.
ROBAUDG_VPDI_CODE	Yes	VARCHAR2(6)	VPDI CODE: The code representing the entity to which this record belongs to for Multi-entity Processing support.

## Comment

The following comment on the table has been applied:

- Financial Aid Audit Grouping Table

## Keys

A primary key (PK\_ROBAUDG) has been added for the 8.17 release:

- ROBAUDG\_AIDY\_CODE
- ROBAUDG\_PIDM

The following foreign key constraints have been added for this release:

```

CONSTRAINT FK1_ROBAUDG_INV_RTVBGRP_CODE
FOREIGN KEY (ROBAUDG_AUDIT_BGRP_CODE)
REFERENCES RTVBGRP (RTVBGRP_CODE)
CONSTRAINT FK1_ROBAUDG_INV_RTVPGRP_CODE
FOREIGN KEY (ROBAUDG_AUDIT_PGRP_CODE)
REFERENCES RTVPGRP (RTVPGRP_CODE)
CONSTRAINT FK1_ROBAUDG_INV_RTVTGRP_CODE

```

```
FOREIGN KEY (ROBAUDG_AUDIT_TGRP_CODE)
REFERENCES RTVTGRP (RTVTGRP_CODE)
CONSTRAINT FK1_ROBAUDG_INV_ROBINST_CODE
FOREIGN KEY (ROBAUDG_AIDY_CODE)
REFERENCES ROBINST (ROBINST_AIDY_CODE)
```

## New database trigger

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### RT\_ROBAUDG\_USERACTIVIT\_INSUPD (rotaudg0.sql)

This new trigger has been created to maintain User ID and Activity Date for the Financial Aid Audit Grouping Table (ROBAUDG).

# Problem Resolutions

This section lists the problem resolutions included in the Banner Financial Aid 8.17 release. At the time this guide was completed, the following problem resolutions were targeted for delivery with this release.

For comprehensive and detailed problem, impact, and resolution information for all defects corrected in this release, refer to the supplemental problem resolutions file (`finaid81700resolutions.txt`) delivered along with your release guide. The information in this text file is extracted directly from the Customer Support Center just prior to release of the product and may include additional defects that were resolved after this document was finalized.

Object Name	Defect #	Summary
DOC	1-170F4FQ	Banner Financial Aid Hosted Services Handbook documentation on page 2-13 not clear on how to deploy.
DOC	1-1B3GDFV	1213 COD Handbook incorrectly states there is an edit for credit check status.
DOC	1-1BGNEV5	8.16 User Guide and Release Guide incorrectly list a new Parameter 09 for RNPFM14.
DOC	1-1BH9OR1	In the 8.16 Banner Financial Aid User Guide, page 2-81, RTVBGRP should be RTVBTYP.
DOC	1-1BJJIOC	In the Banner Financial Aid User Guide, page 2-190, RORWEBR_SS_INFO_ACCESS_IND is incorrect.
DOC -8.16 User Guide documentation	1-1B89ZB7	AQ documentation (8.16 User Guide) conflicting notes.
DOCUMENTATION	1-1BOGV05	During disbursement non-Pell funds with fund or period locks do not pay the locked value.
finaid2013-01hshb.pdf	1-1BE14XF	Banner Financial Aid Hosted Handbook - finaid2013-01hshb.pdf - need to update Forms 10.1.2.x reference.
RBRPBYR	1-180614M	RBRPBYR fails to save when the Algorithmic rule created on RBRABRC has 10 or more sequences.

<b>Object Name</b>	<b>Defect #</b>	<b>Summary</b>
RCKCED140	1-1BB8WNK	RCPTP14 fails with ORA-01438: value larger than specified precision allowed for this column.
RCPCA13/RCRTP13	1-185IHUR	CAL Records may incorrectly be loaded as New.
RCPCT14	1-1A8065W	Windows - Running RCPCT14 from GJAPCTL results in ClassNotFoundException CSSImportProcessor.
RCPTP14	1-1BI53ST	RCPTP14 loads Unsub NSLDS amounts to the wrong field; will not load record with blank for field 440.
RCPTP14	1-1BY6X5U	RCPTP14 may populate the Application Received date incorrectly with "Date Application Completed".
RCPTP14.pc	1-1BKGIYL	RCPTP14 lis file is missing Parameter 04 - Generated ID/SSN Indicator.
RCRTP14.pc	1-1BPKIF	RNAPR14 IM record can no longer be replaced or deleted.
READI13	1-17WMRVR	Edit Message Inaccurate and Navigation Error on New Pell AP Field.
REREX13	1-18TB57D	REREX13 gives Invalid Column name when run in debug mode - trying to retrieve rpradsb_action_code.
RERIS14	1-1BTX3LN	The NSLDS record being selected may not match the RCRAPP record.
RNEIN14	1-19RVGBL	Computation anomaly in INAS reported by The College Board.
ROPROL	1-1A56511	G Type Period Budget Group Assignment Rules not rolled via ROPROLL.
RORPELL	1-1BSSEW7	The Department of Education released the 2013-2014 Pell Payment Schedules on 1/30/2013.
RPBLMIA	1-19SOTCC	FOBSEQN_SEQNO_PREFIX is ignored in favor of using a hard-coded 'F' for creating the document code.
RPEPCKG	1-1BGAHA4	Algorithmic rules with rptneed_unmet_need may incorrectly package funds when IM budgets are used.

<b>Object Name</b>	<b>Defect #</b>	<b>Summary</b>
RPK_SHOPPING_SHEET	1-1BAAQGJ	In the Shopping Sheet Median Borrowing section, "10" is missing from the hardcoded text.
RRLORC	1-18QA1RT	RRLORC is not deleting/replacing the unspent student address information.
RRLORC	1-1AQ4FKP	Second PLUS loan not copying in parent email address.
RRLORC	1-1B57MF8	RRLORC attempts to create loan applications for cancelled awards.
RPRSSBP	1-1BENNJP	The pdf version of the shopping sheet is missing the heading "Other Options".
RPRSSBP.sql	1-1BH31KM	Interfaced exemptions and contracts are not included in the Shopping Sheet.
FederalEFC1314.dll	1-1BDKR69	Some 1314 FM state tax calculations are incorrect in the 8.16 release.
FederalEFC1314.dll	1-1BHAEAU	RNPFM14 is calculating incorrectly in certain scenarios.
FederalEFC1314.dll	1-1BS06HK	1314 FM "Foreign Country" state tax calculations are incorrect.