



Cortell Australia Pty Ltd

# CoreBIS

# Release Notes

31/07/2020



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## Revision History

Date	Version	Description	Author
31/07/2020	1.0	Create Document	Karl Blackler

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# 1. Summary

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This document sets out the changes made to CoreBIS in this release. The release is made up the following types of updates;

1. Monthly Changes
  - a. Market Share Data
  - b. Validation / Derivation rule updates
  - c. APRA label data
2. Code updates
3. Enhancements to Existing Features
4. New Development Features
5. New Form Versions

## **2. Monthly Updates**

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### **2.1 Market Share**

This month the following was updated;

- Monthly ADI statistics

### **2.2 PET Label data**

A new set of PET label file are provided.

### **2.3 Validation / Derivation**

Only the validation rules were updated as APRA did not change the derivation rules this period.

### 3. Code Updates

#### 3.1 CU19: Derivation Rules - Table sumifs 747 (Missing table attributes from taxonomy)

Raised by Beyond Bank & Customer Advisory Board: New Derivation process (EF15) has address these attributes.

##### 1. Deposits outstanding - by counterparty & deposit type

Counterparty (1)	Deposit type (2)	Number (3)	Value (4)	Interest rate (5)
Households	Other non-transaction	50.0	8,000.0	1.5
Non-financial businesses & community service organisations	Other non-transaction	50.0	1,553.0	2.5

1.1. Total deposits outstanding	100.0	9,553.0	1.7
1.1.1. of which: Offset accounts linked to housing loans	0.0	0.0	0.0

##### 3. Deposits outstanding to counterparties other than resident households - by counterparty & balance

Counterparty (1)	Deposit balance (2)	Number (3)	Value (4)	Interest rate (5)
Other related parties	Balance > \$0 to <= \$5	6.0	180.0	1.1
Financial institutions - non-related parties	Balance > \$0 to <= \$5	6.0	80.0	2.1
Financial institutions - related parties	Balance > \$0 to <= \$5	6.0	100.0	3.1
Other non-residents	Balance > \$0 to <= \$5	6.0	140.0	4.1
Non-financial businesses & community service organisations	Balance > \$0 to <= \$5	6.0	160.0	5.1
General government	Balance > \$0 to <= \$5	6.0	120.0	4.1
General government	Balance > \$50 to <= \$	345.0	345.0	1.3

3.1. Total deposits outstanding to financial institutions	12.0	180.0	2.7
3.1.1. of which: Interest-bearing deposits	0.0	0.0	0.0
3.2. Total deposits outstanding to non-financial businesses & community service organisations	6.0	160.0	5.1
3.2.1. of which: Interest-bearing deposits	0.0	0.0	0.0

##### 4. Fixed-term deposits outstanding - by counterparty & residual term

Counterparty (1)	Residual term (2)	Number (3)	Value (4)	Interest rate (5)	Weighted average residual term (6)
Households	Term <= 1 month	2.0	10,000.0	3.5	21.0
Financial institutions - non-related parties	Term <= 1 month	1.0	5,000.0	3.0	13.0
Financial institutions - related parties	Term <= 1 month	1.0	5,000.0	2.5	12.0

4.1. Total fixed-term deposits outstanding	4.0	20,000.0	3.1	16.8
--	-----	----------	-----	------

##### 5. New fixed-term deposits in the month - by counterparty & original term

Counterparty (1)	Original term (2)	Number (3)	Value (4)	Interest rate (5)
Households	Term > 3 years	1.0	3,435.0	1.0
Other non-residents	Term > 3 years	3.0	634.0	3.0
General government	Term > 3 years	2.0	354.0	2.0

5.1. Total new fixed-term deposits	6.0	4,423.0	1.4
5.1.1. of which: Households	1.0	3,435.0	1.0
5.1.2. of which: Financial institutions	0.0	0.0	0.0
5.1.3. of which: Non-financial businesses & community service organisations	0.0	0.0	0.0
5.1.4. of which: General government	2.0	354.0	2.0
5.1.5. of which: Other non-residents	3.0	634.0	3.0

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### 3.2 CU37: ARF 746\_0B form at BB some "Interest Rate" derived fields are showing as 0

Raised by Beyond Bank: New Derivation process (EF15) has address these attributes. The EF24 & EF37 have addressed the formatting of the form.

### 3.3 CU41: ARF\_110\_0 calc error

Raised by Beyond Bank: New Derivation process (EF15) has address these attributes.

	RWA
<b>1. Credit risk</b>	
1.1. Credit risk (excluding securitisation)	
1.1.1. Standardised approach	5,675.0
1.1.2. Foundation IRB approach	0.0
1.1.3. Advanced IRB approach	0.0
1.1.4. Supervisory slotting	0.0
1.1.5. IRB retail	0.0
1.1.6. IRB other assets, claims and exposures	0.0
1.2. Securitisation	1,000.0
1.3. Scaling factor (1 or 1.06)	0.0
<b>1.4. Total RWA for credit risk</b>	<b>6,675.0</b>

### 3.4 CU46: Delete Load Dates if parent with no children

In the CoreBUILD > Cubes > Review Loaded Data screen, the "Apply Action" button will remove any dates with no children.

### 3.5 CU47: The CoreSecurity group doesn't allow you to change security

Have added the required security to this group to allow users in this group to make changes to security group assignments.

### 3.6 CU48: Add dimension to cube has Import limited of 60dims

Raised by Beyond Bank: The code had 100 variables but only looped through 60 of them. This has been fixed. Issue with this process regarding the dimension type has also been fixed.

## 4. Enhancements to Existing Features

### 4.1 EF15: Derivation calculation methodology.

There are many complexities in managing the ever-changing rules and form versions from APRA. Each client can have a different list of form versions. We've updated the process to auto-combine rules together if the form version exists, thus allowing us to update rules per form version as opposed to managing many different versions of the rules across our client base.

### 4.2 EF17: Validation Report filter to show failed items only.

Raised by Beyond Bank: A new filter has been added to the validation report so that only FAIL items or PASS items can be displayed.

Form Variant	Entity	Rule #	Result
ARF_720_4	DOM_BKS:CoreBIS No.1	12224506	PASS
		12071572	FAIL
		12071605	FAIL

### 4.3 EF24: Change to decimal places ARF 110\_0\_1

Raised by Beyond Bank: The decimal places are updated on forms if they are over 1, else they default to 1.

#### Section A: Level 1 Regulatory Capital

##### 1. Tier 1 capital

##### 1.1. Common Equity Tier 1 capital

- 1.1.1. Paid-up ordinary share capital
- 1.1.2. Mutual Equity Interests
- 1.1.3. Retained earnings
- 1.1.4. Current year earnings
  - 1.1.4.1. of which: Upfront fee income
- 1.1.5. Accumulated other comprehensive income (and other reserves) of which:

	0.000
	0.000
	0.000
	0.000
	0.000

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#### 4.4 EF26: Archive feature - Add zip/Unzip to files.

This was updated based on received feedback after a client ran out of hard drive space after archiving a number of old versions. The compression ratio is greater than 30 to 1 on most archive files.

#### 4.5 EF30: Loading D2A submission for validation purposes

Raised by Bank Australia: A separate validation folder (V\_ReturnData) has been added to the APRA folder and any d2a submission files placed in this folder will be loaded into CoreBIS against a new "V" APRA return version in the INT\_Datasource cube. This meaning it can be reporting on via the movement report.

This was raised to check that what has been submitted to APRA matched the exported values from CoreBIS.

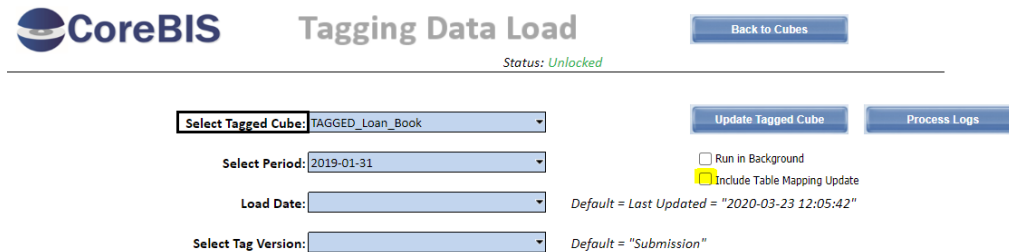


## MOVEMENT REPORT

APRA Entity	DOM_BKS:CoreBIS No.1	▼
APRA Form Variant	ARF_720_4	▼
DataSource	All INT_Datasource (n)	▼
Return Version 1	2018-06-30	▼
Return Version 2	V_2018-06-30	▼

#### 4.6 EF31: Add a tick box to tagged load screen for table mapping.

Raised by Beyond Bank: This will give the option to run the table mapping update as part of the tagging cube load. This is a tick box as the table mapping update can take some time to perform and you may not want to perform it each time you run the tagging.



#### 4.7 EF32: Validations – Entity

Currently the “Reevaluate Rules” button on the validation report would only calculate if the APRA\_Entity and APRA\_Form\_Variant were both at the lowest level. This has been updated so that the process will run whether it’s a consolidated element or not.

#### 4.8 EF33: Data Quality Report Monthly – Comments

The Data Quality Report contains a column allowing a user to write a comment against a data item. This comment was missing from the Monthly version of the DQ report, so this has been added.

Attribute	Description	Priority	W_2019-01-31_Submission	Variance	Variance %	Check	Comment	2019-12
BSAO28032	1. Total short-term debt securities held - Total	Very High Priority	5,043	421	8.3%	Over 2% Threshold		
BSAO28033	1. Total short-term debt securities held - of which: Denominated in FX (AUD equivalent)	High Priority	2,298	70	3.1%			
BSAO28036	1.1. of which: Issued by related parties - of which: Denominated in FX (AUD equivalent)	High Priority	55	55	100.0%	Over 10% Threshold		
BSAO28037	1.2. Short-term debt securities issued by residents - Total	Very High Priority	3,024	364	12.0%	Over 2% Threshold		

#### 4.9 EF35: Workflow - Remove Last for Period

The workflow management screen displayed a “Last for Period” column and had a button to set the last for period. This was used by the create version process to know which version to copy data from, however this function has since been updated to use the current version as the source. So the column and button have been removed.

## 4.10 EF36: Improved Logfile frontend

This update will mean that a user will not need to exit CoreBIS to review the error logs and message log. IT are hesitant about granting access to the logfile folder on the server, so this update means they no longer need too.

**CoreBIS CoreBUILD CUBES** Recalculate Return to CoreBUILD

Filter by Type:  Cube Type:

Edit Source View Cube Dimensions Add Dimension to Cube Process Logs Create Cube  
Load Data Delete Cube Review Loaded Data Overnight Execution

Cube Name	Cube Type	Auto Update	Data Load Source	Last Updated	Update Frequency
ATTR_BASE_CostCentre	ATTR	N			

**CoreBIS CoreBUILD DIMENSIONS** Recalculate Return to CoreBuild

**Filters**  
 Select Dimension Type:   
 Select Cube:   
 Text Search:

**Create new Dimension** *Note: The dimension will be prefixed base*  
 Select Dimension Type:   
 Select SBR Dimension:   
 Enter Dimension Name:

Edit Source Delete Dimension Create Attribute Cube Create Dimension Process Logs Overnight Execution

Dimension Name	Dimension Type	Updated From	Auto Update	Last Updated	Update Frequency	View Members
ATTR_BASE_CostCentre_Measure	Measure	MANUAL	N	2019-07-26 10:23:40		

**CoreBIS PROCESS LOGS** Recalculate

Year:   
 Month:   
 Day:

Filter:  Filter Review Log Files Drill to Error Log

Day	Process	Start	End	Duration (Seconds)	Transaction Count	User	Parameters	Error File
3	CB_ACTION_Create_Structure_Clear	10:58:05	10:58:05	0.000		0 Karl Blackler		

**CoreBIS ERROR LOG FILES BY DATE** Recalculate Return to Process Log

From:   
 To:

Review Msg Log Drill to Error Log Detail Send Log as Email

Date	Log File
20200730	TM1ProcessError_20200730032553_48323216_CB_UPDATE_DataLoad.log
20200802	TM1ProcessError_20200802233628_85925484_MASTER_D2A_UPDATE.log

**CoreBIS MESSAGE LOG** Recalculate Return to Process Log


Email Message Log

Line Item	Full Message	Error Text
1	6580 [3] ERROR 2020-08-03 105933.047 TM1.Process Process Lib_Error_Log_Load	Error >> Execution was aborted. Error file
2	6580 [3] INFO 2020-08-03 105933.038 TM1.Process Process Lib_Error_Log_Load executed by user Karl Blackler	
3	20408 [] INFO 2020-08-03 105912.132 TM1.Chore Chore UserLog finished executing	
4	20408 [] INFO 2020-08-03 105912.127 TM1.Chore Chore UserLog time = 0.02 seconds	

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## 4.11 EF37: Form Movement Report

Raised by CAB: A new sheet has been added to the forms containing a period on period comparison using the form layout. This new sheet has been added only on forms containing NO tables.



APRA Entity: DOM\_BKS CoreBIS No.1

INT DataSource: All INT DataSource (n)

APRA Return Version 1: W\_2019-01-31\_Submission

APRA Return Version 2: 2018-12-31

Recalculate

Show Data Sources

Trend Analysis

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Australian Business Number

Institution Name

12345678910

CoreBIS No.1

Reporting Period

Scale Factor

2019-01-31

Reporting Consolidation

DOM\_BKS

	Total	of which: Denominated in FX (AUD equivalent)	Total	of which: Denominated in FX (AUD equivalent)	Total	Den (A)
	(1)	(2)	(1)	(2)	(1)	(A)
1. Total short-term debt securities held	5,045.2	2,298.0	4,624.0	2,368.2	421.2	
1.1 of which: Issued by related parties	0.0	55.0	0.0	0.0	0.0	
1.2 Short-term debt securities issued by residents	3,024.3	1,238.9	2,660.1	1,303.9	364.2	
1.2.1 Bills of exchange	945.2	409.3	791.1	431.6	154.1	
1.2.1.1 Bank accepted	790.0	409.3	783.2	430.7	6.8	

## 5. New Features

### 5.1 NF11: Reconciliation Module

Raised in the CAB: This new feature will allow users to setup their own reconciliations within the system that can be used to reconcile between tagged cubes, other tagged cubes or form data. These reconciliations will be rolled forward each period as part of the workflow. Currently this feature does not include BASE cubes.



**CoreBIS Reconciliations Overview** Recalculate

APRA\_Return\_Version:  Add new Rec Grouping

Select Rec Grouping Parent:  Add New Rec Grouping

Enter New Rec Grouping Name:

Setup Rec Remove Rec

Rec Grouping	Description	Comparison A	Comparison B	Variance (A-B)
<b>All Reconciliations</b>		<b>1,427,300,045.20</b>	<b>5,045.20</b>	<b>1,427,295,000.00</b>
GL vs Deposits		1,427,300,045.20	5,045.20	1,427,295,000.00
GL vs Deposits - Term Deposits	Reconciles MBC to the INV class in DA	5,045.20	5,045.20	0.00
GL vs Deposits - Savings Accounts	Reconciles MBC to the SAV class in DA	1,427,295,000.00	0.00	1,427,295,000.00
GL vs Loans		0.00	0.00	0.00
GL vs Loans - Housing		0.00	0.00	0.00
GL vs Loans - Personal		0.00	0.00	0.00
GL vs Loans - Business		0.00	0.00	0.00

**CoreBIS Reconciliation Group Setup** Recalculate

APRA\_Return\_Version:

Reconciliation Group:

Comparison:

Setup Rec Item Total

Rec Items	Description	Data Source	Value
1	1.2. Short-term debt securities issued by residents	INT_DataSource	3,024.30
2	1.3. Total short-term debt securities issued by non-res	INT_DataSource	2,020.90
3			0.00
4			0.00
5			0.00

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APRA_Return_Version	W_2019-01-31_Submission
Reconciliation Group	GL vs Deposits - Term Deposits
Comparison	Comparison A
Reconciliation Item	1
Description	1.2. Short-term debt securities issued by residents
Data Source	INT_DataSource

Value

Map Dimensions	Element	Mapped Element
APRA_Entity	DOM_BKS:CoreBIS No.1	DOM_BKS:CoreBIS No.1
INT_DataSource		All INT_DataSource (n)
APRA_Form_Variant	ARF_720_4	ARF_720_4
APRA_Attribute	BSAO28037	BSAO28037
INT_Measure	Value	Value

## 5.2 NF12: Recurring Manual Adj Feature

When manual adjustments are added to a form they can now be flagged as Recurring. The adjustments will be rolled forward each period as part of the workflow.



### MANUAL ADJUSTMENTS

Recalculate
Return to Datasource Drill

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APRA Entity DOM\_BKS:CoreBIS No.1

APRA Form Variant ARF\_720\_4

APRA Return Version W\_2019-01-31\_Submission

APRA Attribute BSAO28041


Data Type NUMBER

APRA Table Attribute ( )

Bulk Manual Adjustments
  
  
Recurring

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Values from Data Sources				776.00	
Description of Adjustment	Value	User	Timestamp	Recurring	Rolling Balance
tst3	55.00	Karl Blackler	15 JUL 2020 13:51	No	776.00 + 55.00 = 831.00
tst2	35.00	Karl Blackler	15 JUL 2020 13:51	Yes	831.00 + 35.00 = 866.00
tst4	(76.00)	Karl Blackler	15 JUL 2020 13:52	No	866.00 + -76.00 = 790.00
Adjustment	5,000.00	Karl Blackler	21 JUL 2020 11:36	No	790.00 + 5,000.00 = 5,790.00
revers	(5,000.00)	Karl Blackler	21 JUL 2020 11:38	Yes	5,790.00 + -5,000.00 = 790.00
<span style="border: 1px solid black; padding: 2px 10px; background-color: #4a7ebb; color: white; margin: 5px auto;">Add Adjustment</span>					
Total Adjustments				14.00	
<b>TOTAL</b>				<b>790.00</b>	



### ADJUSTMENTS REPORT

Recalculate

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APRA Entity DOM\_BKS:CoreBIS No.1

APRA Form Variant ARF\_720\_4

Return Version 1 W\_2019-01-31\_Submission

Return Version 2 2018-12-31

Drill on Value

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					W_2019-01-31_Submission					
Entity	Form Variant	Attribute	Item	Description	Value	Comments	User	Timestamp	Recurring	
DOM_BKS:CoreBIS No.	ARF_720_4	BSAO28041	1	1.2.1.1. Bank accepted - Total	55	tst3	Karl Blackler	15 JUL 2020 13:51	No	
			2	1.2.1.1. Bank accepted - Total	35	tst2	Karl Blackler	15 JUL 2020 13:51	Yes	
			3	1.2.1.1. Bank accepted - Total	-76	tst4	Karl Blackler	15 JUL 2020 13:52	No	
			4	1.2.1.1. Bank accepted - Total	5,000	Adjustment	Karl Blackler	21 JUL 2020 11:36	No	
			5	1.2.1.1. Bank accepted - Total	-5,000	revers	Karl Blackler	21 JUL 2020 11:38	Yes	
BSAO28051			1	1.2.2.1. Private non-financial investment funds - Total	150	missed accrual	James Corner	24 JUL 2019 15:51	No	
			BSAO28053	1	1.2.2.2. Other private non-financial corporations - Total	100	incorrect head office	Admin	21 NOV 2019 17:10	Yes
			BSAO28056	1	1.2.2.3. Private unincorporated businesses - of which: Denominated in FX (AUD ec	-				
BSAO28067			1	1.2.2.4. Financial institutions - Total	22	Solid Securities	Admin	02 JAN 2018 14:27	No	

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## 5.3 NF36: Online WIKI

We have released our Members area on the <https://www.cortell-fintech.com/> website. This is available to CoreBIS users via a “join us” button on the website.

- Release Notes
- Customer Advisory Board Content
- Frequently Asked Questions (or submit your own question)
- Training Material
- User Guides



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## 5.4 NF37: Daily workflow process

This new feature allows users to complete the daily/weekly forms within CoreBIS. The daily workflow screen will show a list of forms due over the next 14 days. The workflow is a cut down version of the Monthly workflow and has certain limitations at this stage. But there are options to lock and unlock form/day combinations and allows users to view the forms.



CoreBIS		DAILY WORKFLOW OVERVIEW							Recalculate	
Open Form	Form Detail	Lock Form	Unlock Form	Next 14 days						
APRA Form		APRA Entity	2020-08-02	2020-08-03	2020-08-04	2020-08-05	2020-08-06	2020-08-07	2020-08-08	
			Sun	Mon	Tue	Wed	Thu	Fri	Sat	

## 6. New Form Versions

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Any changes made by APRA to the taxonomy can be reviewed here;

<https://www.apra.gov.au/taxonomy-changes>

4 new form versions were added to the system this month;

- ARF\_210\_5v4

These 3 forms do not have a PET representation, we'll get back to you if/when the forms will be added to CoreBIS.

- ARF\_222\_0v16
- ARF\_222\_1v1
- ARF\_222\_2v1