



Date Received by DHS Costing Team:

DHS Costing Reference Number:

EXTERNAL COSTING REQUEST

Please use this form when seeking a formal costing from the Department of Human Services (DHS).

A formal costing is required when DHS is requested to deliver new, or change existing, services under a government budget measure or a contract invoicing arrangement (Retained Receipts).

Section One PROPOSAL DETAILS (requesting agency to complete)

Section 1.1 – Proposal Overview	
Title of the Proposal	Extend Enhanced Welfare Payment Integrity – non-employment income data matching
Requesting/Lead Agency	Department of Human Services
Requesting Agency Contact Officer. <i>Please nominate a contact officer who will be available for questions while the proposal is being costed.</i>	Name: Jason Ryman
	Phone Number: 02 6133 0962
	Email: Jason.ryman@humanservices.gov.au
Request Authorised by (from requesting agency - SES B1 minimum)	Name: Scott Britton
	Position: National Manager - Customer Compliance Branch
	Phone Number: 02 6133 0979
Implementation Date (This is the date by which the proposal must be delivered.)	1 January July 2017
Date costing is required	<i>Please provide a reason for the due date if less than the standard timeframe of five working days. E.g. Cabinet Submission due.</i>
Executive Summary of the Proposal	<p>This proposal increases the Department of Human Services (DHS) capability to manage the risk of non-compliance for welfare recipients. It extends on the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> measure, announced in the December 2015 Mid-Year Economic Fiscal Outlook.</p> <p><u>With staff beginning in mid-May 2017 and compliance activity commencing from 1 July</u>January 2017, this four-year proposal will provide for an additional 749,447 compliance interventions and will deliver \$763-xxx million in net underlying cash savings return to government by including income discrepancies that will be generated from existing data matching activity for the 2015-2018 financial years.</p> <p>This proposal will target individuals who received income support and are at risk of non-compliance (supplementary payments such as Family Tax Benefit or Paid Parental Leave are not being targeted).</p>

	The risk that will be managed as a result of this proposal relates to incorrect declaration of income from employment, financial investments, business or real estate. All of these element form part of an individual's taxable income that has been declared to the Australian Taxation Office (ATO).		
Section 1.1- Proposal Overview (continued)			
Method of Funding <i>(Will DHS receive Appropriation from Government? Or be required to enter into an invoicing arrangement with the partner agency to obtain funding?)</i>	Appropriation or Retained Receipts Where DHS will not be directly appropriated, and an invoicing arrangement will be entered into (Retained Receipts) full payment in advance (on an annual basis) will be required prior to work commencing. <i>If you are unsure of the method of funding please contact the DHS Costing Team for clarification.</i>		
	If Appropriation, which Budget Round?		Budget-MYEFO 2016-17
Life of the Proposal?	Terminating	If terminating, please provide termination date:	30 June 2020
New policy, new work or Change Request?	New Work		
Has this been costed previously?	No Yes	If yes, please provide previous costing reference number or when it was completed.	003398 – (15/03/2016) 003840 – (17/08/2016)
Is Legislation required?	No	If yes, when is legislation expected to be tabled before parliament?	
		Are there possible difficulties with the passage of legislation?	
Section 1.2 - Proposal Details			
Proposal Details <i>(include underlying policy assumptions and perceived benefits)</i>	<p>The current <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> measure is funded to manage the stockpile of approximately 334,000 income discrepancies for 2010-2014 financial years. These identified income discrepancies relate to incorrect declaration of income from employment, financial investments, business or real estate. All of these elements form part of an individual's taxable income that has been declared to the Australian Taxation Office (ATO).</p> <p>This proposal would extend the period to include income discrepancies that are anticipated to be identified for the 2015-18 financial years. As a result, an additional 749,447 individuals would be required to reconcile the variation in their income.</p> <p>This proposal would leverage off the ICT development and implementation of a self-service digital solution being delivered as part of the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> measure. This information will be presented to the customer, via their on-line account, and require the customer to either confirm the information is correct or provide updated information.</p> <p>This compliance activity is in addition to the compliance work already undertaken that returns significant savings to government.</p>		
Section 1.2 - Proposal Details (continued)			

<p>Deregulation Agenda</p> <p>Will this proposal result in additional regulatory impact for individuals, businesses and/or community organisations?</p> <p>Please provide details of the impact and offsetting arrangements.</p>	<p>There will be decreased administrative burden through streamlined processes for customers and third parties. The existing process specifies that third parties (small business etc.) will be contacted to provide information if the customer does not respond to departmental correspondence. The new process will remove this requirement, as assessments will be made on information the customer has already provided or confirmed with the ATO.</p>																	
<p>Risks</p> <p>(including mitigation strategies)</p>	<table border="1"> <thead> <tr> <th data-bbox="544 562 716 656">Risk</th> <th data-bbox="716 562 1091 656">Justification</th> <th data-bbox="1091 562 1442 656">Mitigation</th> </tr> </thead> <tbody> <tr> <td data-bbox="544 656 716 835">#1 Benefits High</td> <td data-bbox="716 656 1091 835">This proposal is anticipated to result in approximately \$763,xxx million in net underlying cash savings over four years.</td> <td data-bbox="1091 656 1442 835">Ensure effective governance is in place to monitor and report on benefits realisation.</td> </tr> <tr> <td data-bbox="544 835 716 1196">#2 Innovation High</td> <td data-bbox="716 835 1091 1196">This proposal will involve the use of new ICT technology to enable real time identification of risk and the completion of self-service compliance activity in an online environment. These are known techniques within industry but with new application to the welfare system.</td> <td data-bbox="1091 835 1442 1196">Ensure application of technology is tested and effective before deployment.</td> </tr> <tr> <td data-bbox="544 1196 716 1375">#3 Information Technology High</td> <td data-bbox="716 1196 1091 1375">This proposal requires ICT development with links to other external systems.</td> <td data-bbox="1091 1196 1442 1375">Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance.</td> </tr> <tr> <td data-bbox="544 1375 716 1644">#4 Dependencies High</td> <td data-bbox="716 1375 1091 1644">ICT solution for this proposal will leverage off the successful delivery of an ICT solution within the Increased Welfare Compliance from Data Matching Budget measure.</td> <td data-bbox="1091 1375 1442 1644">Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance. Sufficient time available to support successful delivery of ICT solution.</td> </tr> </tbody> </table>			Risk	Justification	Mitigation	#1 Benefits High	This proposal is anticipated to result in approximately \$763,xxx million in net underlying cash savings over four years.	Ensure effective governance is in place to monitor and report on benefits realisation.	#2 Innovation High	This proposal will involve the use of new ICT technology to enable real time identification of risk and the completion of self-service compliance activity in an online environment. These are known techniques within industry but with new application to the welfare system.	Ensure application of technology is tested and effective before deployment.	#3 Information Technology High	This proposal requires ICT development with links to other external systems.	Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance.	#4 Dependencies High	ICT solution for this proposal will leverage off the successful delivery of an ICT solution within the Increased Welfare Compliance from Data Matching Budget measure.	Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance. Sufficient time available to support successful delivery of ICT solution.
Risk	Justification	Mitigation																
#1 Benefits High	This proposal is anticipated to result in approximately \$763,xxx million in net underlying cash savings over four years.	Ensure effective governance is in place to monitor and report on benefits realisation.																
#2 Innovation High	This proposal will involve the use of new ICT technology to enable real time identification of risk and the completion of self-service compliance activity in an online environment. These are known techniques within industry but with new application to the welfare system.	Ensure application of technology is tested and effective before deployment.																
#3 Information Technology High	This proposal requires ICT development with links to other external systems.	Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance.																
#4 Dependencies High	ICT solution for this proposal will leverage off the successful delivery of an ICT solution within the Increased Welfare Compliance from Data Matching Budget measure.	Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance. Sufficient time available to support successful delivery of ICT solution.																
<p>Payments Affected</p>	<p>Please reference section 1.3</p>																	
<p>Reporting Requirements</p>																		

Impact of the proposal upon other agencies	No impact. As this proposal is an extension of the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> Budget measure, any impact on the ATO is accounted for by that measure.				
Section 1.3 - Processing Volumes and/or Customer Cohort Numbers					
Some proposals are volume based such as PBS changes. Some proposals may impact on customer numbers such as Aged Pension payment recipients. Put those numbers in this section.					
<ul style="list-style-type: none"> • <i>It is understood that volume/customer information may only be available during the costing process. Please forward on this information as soon as it becomes available</i> • <i>Requesting agencies may wish to attach relevant data models to indicate volumes</i> 					
Volumes / Customer Cohorts	2016-17	2017-18	2018-19	2019-20	2020-21
Abstudy	0	3,160	6,990	6,990	
Age Pension	2,5090	37,920 40,429	53,590	53,590	
Austudy	2,5090	0 2,509	0	0	
Carer Payment	3,7630	4,740 8,503	6,990	6,990	
Disability Support Payment	42,5450	25,280 37,825	37,280	37,280	
Newstart Allowance	36,3800	50,600 44,220	20,970	20,970	
Paid Parenting Partnered	20,0710	29,551 0,480	13,980	13,980	
Paid Parenting Single	38,8800	62,589 23,700	23,300	23,300	
Widow Allowance	0	0	0	0	
Youth Allowance	8,7810	48,281 39,500	69,900	69,900	
Flow on consequences to other customer cohorts/processing and other volumes					
<i>For example, increased Newstart Allowance</i>					

Section Two DHS CONTACTS, ENDORSEMENTS AND ASSUMPTIONS (DHS to complete)

Section 2.1 – DHS contact details and endorsements

DHS Business Owner Details

DHS Contact Officer	Name:	Jason Ryman
<i>Please nominate a contact officer who will be available for</i>	Phone Number:	02 6133 0962
	Branch:	Customer Compliance

<i>questions while the proposal is being costed.</i>	Positional email:	Jason.Ryman@humanservices.gov.au
DHS Endorsements		
<i>The below endorsements are required for a costing to proceed. However, please submit the External Costing Request form as soon as possible even if Lead ICT GM endorsement has not yet been obtained.</i>		
Endorsed by:	Lead ICT General Manager	Business Owner National Manager
Name	Jim McMahon	Scott Britton
Division or Branch	Adelaide Delivery Centre	Customer Compliance
Signature: <i>(email authorisation will be accepted)</i>	_____	_____
	SES B2 minimum	SES B1 minimum
Date:		

Section 2.2 – DHS Business Assumptions

Property – Accommodation (Purchased Capital) to be factored in for additional Business Integrity FTE as a result of this measure. (Based on assumption of ASL x 14 sqm x \$1,200)

To support a 1 July 2017 commencement of compliance activity, staff would undertake a six week on-boarding and training period prior to the start date.

Commencing 1 ~~January~~ July 2017, ~~this element compliance~~ will be delivered over ~~four~~ three years of compliance activity (2016-17 to 2019-20).

The following assumptions are applicable to the measure for National Support Office staffing:

Role	Level	16-17*	17-18	18-19	19-20
Project Manager	EL1	1	1	10.5	0.50-25
Workload Manager	EL1	0.5	0.5	0.5	0.50-25
Workforce Manager	EL1	0.5	0.25	0.25	0.250-25
Senior Data Miner / Analyst	EL1	0.5	0.25	0.25	0.250-25
TOTAL		2.5	2	4.5	4
Data Miner / Analyst	APS6	0.25	0.25	0.25	0.250-25
Project Officers	APS6	1	1	1	11
Workload Project Officer	APS6	0.5	0.5	0.5	0.50-5
Workforce Project Officer	APS6	0.25	0.25	0.25	0.250-25
TOTAL		4.52	4.52	4.02	3.52

*2016-17 NSO ASL will commence from 1 January 2017 to manage the implementation of substantial compliance activity.

NSO staff will:

- identify compliance risks
- identify and consult with data and information providers to support compliance risks mitigation
- develop risk profiles and compliance business rules
- analyse, monitor and report on the successfulness of compliance risk mitigation strategies
- Project Plan
- Scheduling
- Risk assessment
- Issues management and project reporting
- Develop a detailed business document
- Stakeholder engagement including liaising ICT and other agency stakeholders.

Internal Executive Summary

The following assumptions are based on a 1 ~~January~~ ~~July~~ 2017 commencement ~~with the~~ ~~of~~ ~~compliance~~ activity delivered through an automated digital business process:

Business Integrity/Appeals/Debt Management

~~Property Accommodation to be factored in for additional Business Integrity FTE as a result of this measure.~~

Year 1

1 January 17 to 30 June 17	Volume	Effort
Interventions	125,447 0	N/A
Matches	188,171 0	N/A
General Enquiry	12,545 0 (10% of interventions)	7 minutes
Debt %	141,128 0 (75% of matches)	N/A
Intervention Assistance	24,462 0 (19.5% of interventions)	30 minutes
Review of Documentation	55,197 0 (44% of interventions)	40 minutes
Manual Intervention Processing	13,247 0 (10.56% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	9,935 0 (75% of Manual Intervention Processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	28,226 0 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	3,136 0 (2.53 .5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to previously agreed debt recovery assumptions below	40 minutes

Year 2

2017-18	Volume	Effort
Interventions	158,000 283,447	N/A
Matches	283,447 237,000	N/A
General Enquiry	28,345 15,800 (10% of interventions)	7 minutes
Debt %	215,420 182,490 (77 6% of matches)	N/A
Intervention Assistance	55.272 30,810 (19.5% of interventions)	30 minutes
Review of Documentation	124,717 69,520 (44% of interventions)	40 minutes
Manual Intervention Processing	29,932 16,685 (10.56% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	22,748 12,847 (77 6% of Manual Intervention Processing)	Standard Debt Raising effort 100 minutes

Manual Debt Raising (ICT Limitations)	43,084,36,498 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	9,9213,950 (3.52-5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to previously agreed debt recovery assumptions below	40 minutes

Year 3

2018-19	Volume	Effort
Interventions	233,000	N/A
Matches	349,500233,000	N/A
General Enquiry	23,300 (10% of interventions)	7 minutes
Debt %	230,670153,780 (66% of matches)	N/A
Intervention Assistance	45,435 (19.5% of interventions)	30 minutes
Review of Documentation	102,520 (44% of interventions)	40 minutes
Manual Intervention Processing	24,605 (10.56% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	16,239 (66% of Manual Intervention Processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	46,13430,756 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	8,1555,825 (2.53.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to previously agreed debt recovery assumptions below	40 minutes

Year 4

2019-20	Volume	Effort
Interventions	233,000	N/A
Matches	349,500233,000	N/A
General Enquiry	23,300 (10% of interventions)	7 minutes
Debt %	209,700139,800 (60% of matches)	N/A
Intervention Assistance	45,435 (19.5% of interventions)	30 minutes
Review of Documentation	102,520 (44% of interventions)	40 minutes
Manual Intervention Processing	24,605 (10.56% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	14,763 (60% of Manual Intervention Processing)	Standard Debt Raising effort 100 minutes

Manual Debt Raising (ICT Limitations)	41,940,27,960 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	8,155,825 (2.53.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to previously agreed debt recovery assumptions below	40 minutes

NOTE:

- The following assumptions to be used to calculate the number of Compliance Officers (APS4) required to undertake compliance interventions. Normal loading to be applied for management and quality.
- 52% of the debts raised will be for non-current customers. 50% of these customers will already have an arrangement in place. Of the remaining 50% of these customers it is anticipated that 52% take up an online option, leaving 48% to require manual processing. Will require effort to establish an arrangement @ 40 mins
- 10% of interventions will make a general enquiry (this will be managed by Business Integrity through a dedicated number)
- 30% of customers (interventions) who go online (65% of customers) will require assistance with completing the online intervention (19.5% of interventions).
- 44% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 44% where documentation is requested, 24% of customers will require manual assessment @ 60 minutes per assessment (10.56% of interventions).
- **Year 1** - Of the 24% that require manual assessment, 75% will require manual debt raising @ 100 minutes per debt.
- **Year 2** - Of the 24% that require manual assessment, 76.7% will require manual debt raising @ 100 minutes per debt.
- **Year 3** - Of the 24% that require manual assessment, 66% will require manual debt raising @ 100 minutes per debt.
- **Year 4** - Of the 24% that require manual assessment, 60% will require manual debt raising @ 100 minutes per debt.

	<ul style="list-style-type: none"> • An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality. • Debt Recovery – Apply Debt Recovery methodology used for Increased Welfare Compliance from Data Matching Budget measure. • All assumptions regarding online completion of data matching interventions are previously agreed as part of the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i>.
<i>Will this proposal:</i>	
- amend an existing payment?	No
- create new payments?	No
- affect the review or appeal process?	Yes
- affect debt raising/recovery activities?	Yes
- require a new letter or a change to an existing letter?	No
- Please provide the volume of letters to be sent by payment type.	Please refer to section 1.3
- require a new form or a change to an existing form (including information booklets)?	No
- require a mail out?	No
- generate additional compliance activities?	Yes
- affect Management Information deliverables?	Yes New management information will be required to report on outcomes
- require data collection/exchange with another agency?	Yes Data collection/exchange will be required with the ATO.
Subsection 2.2 (a) – Business Stakeholder Assumptions	

Business Stakeholder assumptions will be provided to the Business Owner for clearance during the costing process. Subsection 2.2 (a) does not need to be completed prior to submitting the External Costing Request form.

Section 2.3 – DHS ICT Requirements (Business to complete)	
ICT Requirements	<p>On 1 July 2016, the department will implement a self-service digital compliance platform. This new compliance platform will provide a more cost effective approach to managing instances of non-compliance by requiring customers, via their on-line account, to confirm or correct information that has been obtained via data matching with other agencies.</p> <p>The first stage of ICT development for the digital compliance platform includes employment income identified from Pay As You Go (PAYG) data. This will be delivered as part of the <i>Strengthening the Integrity of Welfare Payments</i> announced in the 2015-16 Budget.</p> <p>The second stage of ICT development for the digital compliance platform includes more complex income. To be progressively implemented between 1 January 2017 and 1 July 2018, this stage will be delivered as part of the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> Budget measure announced in the December 2015 Mid-Year Economic Financial Outlook. This will provide functionality for additional employment income:</p> <ul style="list-style-type: none"> • Historical employment income from ATO data matching • All other income reported in Income Tax returns from ATO data matching for example: • Business income <ul style="list-style-type: none"> ➢ Superannuation ➢ Income Streams ➢ Income derived from Trusts ➢ Rental Income ➢ Income from bank accounts <p>As this proposal is an extension of the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> Budget measure, no additional ICT requirements have been identified.</p>
Will the ICT functionality for this proposal be required for a defined period or ongoing?	Ongoing
Is this a repeatable change?	No
Subsection 2.3 (a) – ICT Proposed Solution	
<p><i>The Proposed ICT Solution will be provided to the Business Owner at the end of the costing process. Subsection 2.3 (a) does not need to be completed before submitting the External Costing Request form.</i></p>	
Section 2.4 – Financial Summary	
<p><i>The Financial Summary will be provided to the Business Owner at the end of the costing process. Section 2.4 does not need to be completed before submitting the External Costing Request form.</i></p> <p>Note: Costings are valid for a period of 6 months from the date the costing is finalised.</p>	

Section Three
AUTHORISATIONS
(requesting agency and DHS to complete)

Department of Human Services - Authorisations:		
Authorised by:	Business Assumptions Agreed	Costing Agreed
Name		
Branch		
Phone		
Email		
Signature: <i>(email authorisation will be accepted)</i>	_____	_____
	SES B1 minimum	SES B1 minimum
Date:		
Requesting Agency - Authorisations:		
The external agency also notes the timeframe required to implement this proposal.		
Authorised by:	Business Assumptions Agreed	Costing Agreed
Name		
Branch		
Phone		
Email		
Signature: <i>(email authorisation will be accepted)</i>	_____	_____
	SES B1 minimum	SES B1 minimum
Date:		

Section Four
VERSION CHANGE CONTROL
(requesting agency and DHS to complete)

Version Number	Date	Amended by	Brief description of the changes
0.1	04/03/2016	Chris Nicola	Initial Draft
0.2			
0.3			
0.4	29/08/2016	Chris Nicola	Updated following changes to costing assumptions
0.6	20/09/2016	Chris Nicola	Updated to include additional NSO staffing



Date Received by DHS
Costing Team:

DHS Costing Reference
Number:

EXTERNAL COSTING REQUEST

Please use this form when seeking a formal costing from the Department of Human Services (DHS).

A formal costing is required when DHS is requested to deliver new, or change existing, services under a government budget measure or a contract invoicing arrangement (Retained Receipts).

Section One PROPOSAL DETAILS (requesting agency to complete)	
Section 1.1 – Proposal Overview	
Title of the Proposal	Increased Welfare Compliance for Assets and Investments
Requesting/Lead Agency	Department of Human Services
Requesting Agency Contact Officer. <i>Please nominate a contact officer who will be available for questions while the proposal is being costed.</i>	Name: Jason Ryman
	Phone Number: 02 6133 0962
	Email: Jason.ryman@humanservices.gov.au
Request Authorised by (from requesting agency - SES B1 minimum)	Name: Scott Britton
	Position: National Manager - Customer Compliance Branch
	Phone Number: 02 6133 0979
Implementation Date (This is the date by which the proposal must be delivered.)	1 January July 2017
Date costing is required	<i>Please provide a reason for the due date if less than the standard timeframe of five working days. E.g. Cabinet Submission due.</i>
Executive Summary of the Proposal	<p>This proposal increases the Department of Human Services (the Department) capability to manage the risk of non-compliance for welfare recipients due to unearned income and assets. It further builds on technology being implemented as part of the <i>Strengthening the Integrity of Welfare Payments</i> announced in the 2015-16 Budget.</p> <p><u>With staff beginning in mid-May 2017 and compliance activity commencing from 1 January July 2017, this four year proposal will include an additional 490,151 compliance interventions and will deliver \$547.3xxx million in net underlying cash savings to government.</u></p> <p>This proposal will target welfare recipients who are at risk of incorrect declaration of unearned income and assets.</p>
Section 1.1- Proposal Overview (continued)	

Method of Funding <i>(Will DHS receive Appropriation from Government? Or be required to enter into an invoicing arrangement with the partner agency to obtain funding?)</i>	Appropriation or Retained Receipts		
	Where DHS will not be directly appropriated, and an invoicing arrangement will be entered into (Retained Receipts) full payment in advance (on an annual basis) will be required prior to work commencing. <i>If you are unsure of the method of funding please contact the DHS Costing Team for clarification.</i>		
	If Appropriation, which Budget Round?		MYEFO 2016-17 arg. Additional Estimates 2013-14 ; Budget 2014-15
Life of the Proposal?	Terminating	If terminating, please provide termination date:	30 June 2020
New policy, new work or Change Request?	New Work		
Has this been costed previously?	No <u>Yes</u>	If yes, please provide previous costing reference number or when it was completed.	003399 - (15/03/2016) 003841 - (17/08/2016)
Is Legislation required?	No	If yes, when is legislation expected to be tabled before parliament?	
		Are there possible difficulties with the passage of legislation?	
Section 1.2 - Proposal Details			
Proposal Details <i>(include underlying policy assumptions and perceived benefits)</i>	<p>The Department currently undertakes a number of compliance activities each year to manage the risk associated with undisclosed or under-declared income and assets. In addition to this activity there is a further 490,151 identified instances of non-compliance between 2012 and 2015 that have not been addressed.</p> <p>This non-compliance has not been addressed as the Departments resources have been focused on resolving the instances of non-compliance that are the highest risk.</p> <p>The specific areas of risk that will be the focus of the additional compliance activity compliance activity to be increased include undisclosed or under-declared:</p> <ul style="list-style-type: none"> • investments such as Bank Accounts, Term Deposits and other Interest bearing accounts. • interest in Trusts • business income, including Family Day Care operators, and • Foreign income and assets. <p>This proposal would enable the department to increase capability to address these already identified instances of non-compliance in via a self-service digital solution. This digital solution represents the Department's next stage of ICT development to modernise compliance systems and interactions with customers identified as presenting a risk of non-compliance.</p> <p>On 1 July 2016, the Department will implement a self-service digital compliance platform. This new compliance platform will provide a more cost effective approach to managing instances of non-compliance by</p>		

	<p>requiring customers, via their on-line account to confirm or correct information that has been obtained via data matching with other agencies.</p> <p>The first stage of ICT development for the digital compliance platform includes employment income identified from Pay As You Go (PAYG) data. This will be delivered as part of the <i>Strengthening the Integrity of Welfare Payments</i> announced in the 2015-16 Budget.</p> <p>The next stage of ICT development of the digital compliance platform includes more complex income. To be progressively implemented between 1 January 2017 and 1 July 2018, this stage will be delivered as part of the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> announced in the December 2015 Mid-Year Economic</p> <p>This proposal will deliver the next stage of development, an online capability for compliance interventions associated with undisclosed or under-declared assets.</p> <p>This proposal will also seek opportunities to utilise, in partnership with the ATO, non-compliance profiling undertaken by the ATO with third party data to enhance the department's targeting of non-compliance.</p>
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Section 1.2 - Proposal Details (continued)

<p>Deregulation Agenda</p> <p>Will this proposal result in additional regulatory impact for individuals, businesses and/or community organisations?</p> <p>Please provide details of the impact and offsetting arrangements.</p>	<p>There will be decreased administrative burden through streamlined processes for customers and third parties. The existing process specifies that third parties (small business etc.) will be contacted to provide information if the customer does not respond to departmental correspondence. The new process will remove this requirement, as assessments will be made on information the customer has already provided or confirmed with the ATO and other third parties.</p>												
<p>Risks (including mitigation strategies)</p>	<table border="1"> <thead> <tr> <th data-bbox="571 1234 730 1323">Risk</th> <th data-bbox="738 1234 1026 1323">Justification</th> <th data-bbox="1034 1234 1313 1323">Mitigation</th> <th data-bbox="1321 1234 1450 1323">Residual Risk</th> </tr> </thead> <tbody> <tr> <td data-bbox="571 1335 730 1581">#1 Benefits High</td> <td data-bbox="738 1335 1026 1581">This proposal is anticipated to result in approximately \$547.3xxx million in net underlying cash savings over the four year forward estimates.</td> <td data-bbox="1034 1335 1313 1581">Ensure effective governance is in place to monitor and report on benefits realisation.</td> <td data-bbox="1321 1335 1450 1581">Medium</td> </tr> <tr> <td data-bbox="571 1592 730 1955">#2 Innovation High</td> <td data-bbox="738 1592 1026 1955">This proposal will involve the use of new ICT technology to enable real time identification of risk and the completion of self-service compliance activity in an online environment. These are known techniques within industry but with new</td> <td data-bbox="1034 1592 1313 1955">Ensure application of technology is tested and effective before deployment.</td> <td data-bbox="1321 1592 1450 1955">Medium</td> </tr> </tbody> </table>	Risk	Justification	Mitigation	Residual Risk	#1 Benefits High	This proposal is anticipated to result in approximately \$547.3xxx million in net underlying cash savings over the four year forward estimates.	Ensure effective governance is in place to monitor and report on benefits realisation.	Medium	#2 Innovation High	This proposal will involve the use of new ICT technology to enable real time identification of risk and the completion of self-service compliance activity in an online environment. These are known techniques within industry but with new	Ensure application of technology is tested and effective before deployment.	Medium
Risk	Justification	Mitigation	Residual Risk										
#1 Benefits High	This proposal is anticipated to result in approximately \$547.3xxx million in net underlying cash savings over the four year forward estimates.	Ensure effective governance is in place to monitor and report on benefits realisation.	Medium										
#2 Innovation High	This proposal will involve the use of new ICT technology to enable real time identification of risk and the completion of self-service compliance activity in an online environment. These are known techniques within industry but with new	Ensure application of technology is tested and effective before deployment.	Medium										

		application to the welfare system.			
	#3 Information Technology High	This proposal requires ICT development with links to other external systems.	Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance.	Medium	
	#4 Dependencies High	ICT solution for this proposal will leverage off the successful delivery of an ICT solution within the Increased Welfare Compliance from Data Matching Budget measure.	Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance. Sufficient time available to support successful delivery of ICT solution.	Medium	
	#5 Government priority Medium	This proposal aligns to the government intent of protecting the integrity of outlays made through the welfare system. This proposal focuses on strengthening existing compliance activity.	Ensure early engagement with ICT stakeholders and ICT deliverable to be managed through effective governance. Sufficient time available to support successful delivery of ICT solution.	Low	
Payments Affected	Please reference section 1.3				
Reporting Requirements					
Impact of the proposal upon other agencies					
<p>Section 1.3 - Processing Volumes and/or Customer Cohort Numbers</p> <p>Some proposals are volume based such as PBS changes. Some proposals may impact on customer numbers such as Aged Pension payment recipients. Put those numbers in this section.</p> <ul style="list-style-type: none"> It is understood that volume/customer information may only be available during the costing process. Please forward on this information as soon as it becomes available Requesting agencies may wish to attach relevant data models to indicate volumes 					
Volumes / Customer Cohorts	2016-17	2017-18	2018-19	2019-20	2020-21
Abstudy	300	60	114160	11498	0
Age Pension	17,4070	106,2531 11,890	106,7011 12,836	107,1201 12,750	0

Austudy	<u>200</u>	<u>4047</u>	<u>4047</u>	<u>4047</u>	<u>0</u>
Carer Payment	<u>8970</u>	<u>4,7745,018</u>	<u>5,0725,568</u>	<u>5,0725,229</u>	<u>0</u>
Disability Support Payment	<u>3,2410</u>	<u>19,44120,490</u>	<u>19,57120,737</u>	<u>19,59220,611</u>	<u>0</u>
Newstart Allowance	<u>1,6940</u>	<u>8,3548,784</u>	<u>9,08510,134</u>	<u>9,0859,300</u>	<u>0</u>
Paid Parenting Partnered	<u>8520</u>	<u>3,8583,690</u>	<u>5,0084,314</u>	<u>4,2984,312</u>	<u>0</u>
Paid Parenting Single	<u>1,3730</u>	<u>7,0456,717</u>	<u>8,3457,424</u>	<u>7,5437,424</u>	<u>0</u>
Widow Allowance	<u>30</u>	<u>126</u>	<u>612</u>	<u>612</u>	<u>0</u>
Youth Allowance	<u>5620</u>	<u>3,2663,109</u>	<u>3,5663,274</u>	<u>3,3813,274</u>	<u>0</u>
Flow on consequences to other customer cohorts/processing and other volumes					
<i>For example, increased Newstart Allowance</i>					

Section Two DHS CONTACTS, ENDORSEMENTS AND ASSUMPTIONS (DHS to complete)

Section 2.1 – DHS contact details and endorsements

DHS Business Owner Details

DHS Contact Officer	Name:	Jason Ryman
<i>Please nominate a contact officer who will be available for questions while the proposal is being costed.</i>	Phone Number:	02 6133 0962
	Branch:	Customer Compliance
	Positional email:	Jason.Ryman@humanservices.gov.au

DHS Endorsements

The below endorsements are required for a costing to proceed. However, please submit the External Costing Request form as soon as possible even if Lead ICT GM endorsement has not yet been obtained.

Endorsed by:	Lead ICT General Manager	Business Owner National Manager
Name	Jim McMahon	Scott Britton
Division or Branch	Adelaide Delivery Centre	Customer Compliance
Signature: <i>(email authorisation will be accepted)</i>		

	SES B2 minimum	SES B1 minimum
Date:		

Section 2.2 – DHS Business Assumptions

Property – Accommodation (Purchased Capital) to be factored in for additional Business Integrity FTE as a result of this measure. (Based on assumption of ASL x 14 sqm x \$1,200)

To support a 1 July 2017 commencement of compliance activity, staff would undertake a six week on-boarding and training period prior to the start date.

NATIONAL

The following assumptions are applicable to the measure for National Support Office staffing:

Role	Level	16-17*	17-18	18-19	19-20
Project Manager	EL1	1	1	1	1
Workload Manager	EL1	0.5	0.5	0.5	0.5
Workforce Manager	EL1	0.5	0.5	0.5	0.5
Senior Data Miner / Analyst	EL1	1	1	1	1
TOTAL		3	3	3	3
Data Miner / Analyst	APS6	1	1	1	1
Project Officers	APS6	1	1	1	1
Workload Project Officer	APS6	0.5	0.5	0.5	0.5
Workforce Project Officer	APS6	0.5	0.5	0.5	0.5
TOTAL		3	3	3	3

*2016-17 NSO ASL will commence from 1 January 2017 to manage the implementation of substantial compliance activity.

NSO staff will:

- identify compliance risks
 - identify and consult with data and information providers to support compliance risks mitigation
 - develop risk profiles and compliance business rules
 - analyse, monitor and report on the successfulness of compliance risk mitigation strategies
 - Project Plan
 - Scheduling
 - Risk assessment
 - Issues management and project reporting
 - Develop a detailed business document
 - Stakeholder engagement including liaising ICT and other agency stakeholders.
- Project manager required for project planning, schedule management, issues and risk management and stakeholder engagement.

Internal Executive Summary

- ~~Workload/Workforce managers required for workload distribution and management of workforce levels.~~

- ~~Data Miner/Analyst required to undertake analytics and cleansing of data sets, develop risk profiles and produce intervention selections.~~

PROPERTY

~~Accommodation is required for additional Business Integrity FTE as a result of this measure.~~

Business Integrity/Appeals/Debt Management

The following assumptions to be used to calculate the number of Compliance Officers (APS4) required to undertake compliance interventions. Normal loading to be applied for management and quality.

ANNUAL INVESTMENTS INCOME REPORT (AIIR)

Year 1

AIIR

1 January 2017 to 30 June 2017 (MANUAL)	Volume	Effort
Interventions	23,5790	86 minutes
Matches	23,5790	N/A
Debt %	10,1390 (43% of interventions)	Standard Debt Raising effort 100 minutes
Appeals	589_0 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Standard Debt Recovery Assumptions	50 minutes

- Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact, review and assessment of documentation and updating the customer record.

Year 2

AIIR

2017-18 (ONLINE)	Volume	Effort
Interventions	146,434154,294	N/A
Matches	154,294146,434	N/A
General Enquiry	38,57436,609 (25% of interventions)	7 minutes
Debt %	62,96766,346 (43% of interventions)	N/A
Intervention Assistance	43,93046,288 (30% of interventions)	30 minutes
Review of Documentation	32,21533,945 (22% of interventions)	40 minutes

Manual Intervention Processing	7,7328,147 (5.28% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	3,3253,503 (43% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	12,593 13,269 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	5,575 (3.5% of interventions) 3,661 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation is requested, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 43% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.

Year 3

AIIR

2018-19 (ONLINE)	Volume	Effort
Interventions	154,294 146,434	N/A
Matches	154,294 146,434	N/A
General Enquiry	38,574 (25% of interventions) 36,609 (25% of interventions)	7 minutes
Debt %	66,346 (43% of interventions) 62,967 (43% of interventions)	N/A
Intervention Assistance	46,288 (30% of interventions) 43,930 (30% of interventions)	30 minutes
Review of Documentation	33,945 (22% of interventions) 32,215 (22% of interventions)	40 minutes
Manual Intervention Processing	8,147 (5.28% of interventions) 7,732 (5.28% of interventions)	60 minutes

Manual Debt Raising (Due to management of risk)	3,503 (43% of Manual Intervention processing)3,325 (43% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	13,269 (20% of debts)12,593 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	5,575 (3.5% of interventions)3,661 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation is requested, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 43% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.

Year 4

AIIR

2019-20 (ONLINE)	Volume	Effort
Interventions	154,294146,434	N/A
Matches	154,294146,434	N/A
General Enquiry	38,574 (25% of interventions)36,609 (25% of interventions)	7 minutes
Debt %	66,346 (43% of interventions)62,967 (43% of interventions)	N/A
Intervention Assistance	46,288 (30% of interventions)43,930 (30% of interventions)	30 minutes
Review of Documentation	33,945 (22% of interventions)32,215 (22% of interventions)	40 minutes
Manual Intervention Processing	8,147 (5.28% of interventions)7,732 (5.28% of interventions)	60 minutes

Manual Debt Raising (Due to management of risk)	<u>3,503 (43% of Manual Intervention processing)</u> 3,325 (43% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	<u>13,269 (20% of debts)</u> 12,593 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	<u>5,575 (3.5% of interventions)</u> 3,661 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation is requested, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 43% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.

TRUSTS

Year 1

TRUSTS

1 January 2017 to 30 June 2017 (MANUAL)	Volume	Effort
Interventions	<u>5000</u>	221 minutes
Matches	<u>5000</u>	N/A
Debt %	<u>0285</u> (57% of interventions)	Standard Debt Raising effort 100 minutes
Appeals	<u>013</u> (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Standard Debt Recovery Assumptions	50 minutes

- Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact,

review and assessment of documentation and updating the customer record.

Year 2

TRUSTS

1 July 2017 to 31 December 2017 (MANUAL)	Volume	Effort
Interventions	5050	221 minutes
Matches	5050	N/A
Debt %	288-0 (57% of interventions)	Standard Debt Raising effort 100 minutes
Appeals	43-0 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Standard Debt Recovery Assumptions	50 minutes

- Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact, review and assessment of documentation and updating the customer record.

TRUSTS

1 January 2018 to 30 June 2018 (ONLINE)	Volume	Effort
Interventions	5051,176	N/A
Matches	1,176505	N/A
General Enquiry	11854 (10% of interventions)	7 minutes
Debt %	670288 (57% of interventions)	N/A
Intervention Assistance	22998 (19.5% of interventions)	30 minutes
Review of Documentation	259444 (22% of interventions)	40 minutes
Manual Intervention Processing	6227 (5.28% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	3545 (57% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	13458 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	41 (3.5% of interventions) 13 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	40 minutes

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will

require Compliance Officer to review the documentation @ 40 minutes.

- Of the 22% where documentation, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 57% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.

Year 3

TRUSTS

2018-2019 (ONLINE)	Volume	Effort
Interventions	1,176 1,040	N/A
Matches	1,176 1,040	N/A
General Enquiry	118 (10% of interventions) 101 (10% of interventions)	7 minutes
Debt %	670 (57% of interventions) 576 (57% of interventions)	N/A
Intervention Assistance	229 (19.5% of interventions) 197 (19.5% of interventions)	30 minutes
Review of Documentation	259 (22% of interventions) 222 (22% of interventions)	40 minutes
Manual Intervention Processing	62 (5.28% of interventions) 53 (5.28% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	35 (57% of Manual Intervention processing) 30 (57% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	134 (20% of debts) 115 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	41 (3.5% of interventions) 25 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.

- Of the 22% where documentation, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 57% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.

Year 4

TRUSTS

2019-20 (ONLINE)	Volume	Effort
Interventions	1,1764,008	N/A
Matches	1,1764,008	N/A
General Enquiry	118 (10% of interventions) 401 (10% of interventions)	7 minutes
Debt %	670 (57% of interventions) 575 (57% of interventions)	N/A
Intervention Assistance	229 (19.5% of interventions) 197 (19.5% of interventions)	30 minutes
Review of Documentation	259 (22% of interventions) 222 (22% of interventions)	40 minutes
Manual Intervention Processing	62 (5.28% of interventions) 53 (5.28% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	35 (57% of Manual Intervention processing) 30 (57% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	134 (20% of debts) 115 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	41 (3.5% of interventions) 25 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)

- Of the 5.28% interventions that require manual assessment, 57% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.

FAMILY DAY CARE (FDC)

Year 1

FAMILY DAY CARE

1 January 2017 to 30 June 2017 (MANUAL)	Volume	Effort
Interventions	<u>4,500</u>	822 minutes
Matches	<u>4,500</u>	N/A
Debt %	<u>4,450</u> (97% of interventions)	Standard Debt Raising effort 100 minutes
Appeals	<u>480</u> (12% of interventions)	Standard effort 366 mins
Debt Recovery	Standard Debt Recovery Assumptions	50 minutes

- Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact, review and assessment of documentation and updating the customer record.
- Appeals assumption is based on actual operational average.

Year 2

FAMILY DAY CARE

2017-2018 (MANUAL)	Volume	Effort
Interventions	3,000	822 minutes
Matches	3,000	N/A
Debt %	2,910 (97% of interventions)	Standard Debt Raising effort 100 minutes
Appeals	360 (12% of interventions)	Standard effort 366 mins
Debt Recovery	Standard Debt Recovery Assumptions	50 minutes

- Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact,

review and assessment of documentation and updating the customer record.

- Appeals assumption is based on actual operational average.

Year 3

FAMILY DAY CARE

2018-2019 (ONLINE)	Volume	Effort
Interventions	5,7088,000	N/A
Matches	5,7088,000	N/A
General Enquiry	800574 (10% of interventions)	7 minutes
Debt %	7,7605,537 (97% of interventions)	N/A
Intervention Assistance	1,5604,413 (19.5% of interventions)	30 minutes
Review of Documentation	1,7604,256 (22% of interventions)	80 minutes
Manual Intervention Processing	422304 (5.28% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	410292 (97% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	4,4071,552 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	685-960 (12% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 97% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.
- Appeals assumption is based on actual operational average.

Year 4

FAMILY DAY CARE

2019-20 (ONLINE)	Volume	Effort
Interventions	5,7064,914	N/A
Matches	5,7064,914	N/A
General Enquiry	571,491 (10% of interventions)	7 minutes
Debt %	5,5354,767 (97% of interventions)	N/A
Intervention Assistance	4,113958 (19.5% of interventions)	30 minutes
Review of Documentation	1,0814,255 (22% of interventions)	80 minutes
Manual Intervention Processing	259304 (5.28% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	252292 (97% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	9534,107 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	590685 (12% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 97% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.
- Appeals assumption is based on actual operational average.

FOREIGN PENSION

Year 1

FOREIGN PENSION

1 January 2017 to 30 June 2017 (MANUAL)	Volume	Effort
Interventions	5000	107 minutes
Matches	5000	N/A

	Debt %	<u>75-0</u> (15% of interventions)	Standard Debt Raising effort 100 minutes
	Appeals	<u>43-0</u> (2.5% of interventions)	Standard effort 366 mins
	Debt Recovery	Standard Debt Recovery Assumptions	50 minutes
	<ul style="list-style-type: none"> Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact, review and assessment of documentation and updating the customer record. 		
	Year 2		
	FOREIGN PENSION		
	2017-2018 (MANUAL)	Volume	Effort
	Interventions	2,000	107 minutes
	Matches	2,000	N/A
	Debt %	300 (15% of interventions)	Standard Debt Raising effort 100 minutes
	Appeals	<u>7050</u> (2-53.5% of interventions)	Standard effort 366 mins
	Debt Recovery	Standard Debt Recovery Assumptions	50 minutes
	<ul style="list-style-type: none"> Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact, review and assessment of documentation and updating the customer record. 		
	Year 3		
	FOREIGN PENSION		
	1 July 2018 to 31 December 2018 (MANUAL)	Volume	Effort
	Interventions	<u>4,0000</u>	107 minutes
	Matches	<u>4,0000</u>	N/A
	Debt %	<u>150-0</u> (15% of interventions)	Standard Debt Raising effort 100 minutes
	Appeals	<u>25-0</u> (2.5% of interventions)	Standard effort 366 mins
	Debt Recovery	Standard Debt Recovery Assumptions	50 minutes
	<ul style="list-style-type: none"> Intervention effort total is the effort required for intervention processing, including inbound and outbound telephony contact, review and assessment of documentation and updating the customer record. 		
	FOREIGN PENSION		

1 January 2019 to 30 June 2019 (ONLINE)	Volume	Effort
Interventions	4,443 2,943	N/A
Matches	2,943 1,443	N/A
General Enquiry	736 364 (25% of interventions)	7 minutes
Debt %	246 441 (15% of interventions)	N/A
Intervention Assistance	433 883 (30% of interventions)	30 minutes
Review of Documentation	347 647 (22% of interventions)	40 minutes
Manual Intervention Processing	76 155 (5.28% of interventions)	60 minutes
Manual Debt Raising (Due to management of risk)	41 23 (15% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
Manual Debt Raising (ICT Limitations)	43 88 (20% of debts)	Standard Debt Raising effort 100 minutes
Appeals	103 (3.5% of interventions) 36 (2.5% of interventions)	Standard effort 366 mins
Debt Recovery	Please refer to Debt Management Branch	

- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation is requested, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%)
- Of the 5.28% interventions that require manual assessment, 15% will require manual debt raising @ 100 minutes per debt.
- An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality.
- General enquiry rate is based on customer cohort identified for compliance interventions.
- Assisted compliance rate is based on customer cohort identified for compliance interventions.

Year 4

FOREIGN PENSION

2019-20 (ONLINE)	Volume	Effort
Interventions	2,885	N/A
Matches	2,885	N/A
General Enquiry	721 (25% of interventions)	7 minutes
Debt %	433 (15% of interventions)	N/A

	Intervention Assistance	866 (30% of interventions)	30 minutes
	Review of Documentation	635 (22% of interventions)	40 minutes
	Manual Intervention Processing	152 (5.28% of interventions)	60 minutes
	Manual Debt Raising (Due to management of risk)	23 (15% of Manual Intervention processing)	Standard Debt Raising effort 100 minutes
	Manual Debt Raising (ICT Limitations)	87 (20% of debts)	Standard Debt Raising effort 100 minutes
	Appeals	101 (3.5% of interventions) , 72 (2.5% of interventions)	Standard effort 366 mins
	Debt Recovery	Please refer to Debt Management Branch	
	<ul style="list-style-type: none"> • 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes. • Of the 22% where documentation is requested, 24% of interventions will require manual assessment @ 60 minutes per assessment. (5.28%) • Of the 5.28% interventions that require manual assessment, 15% will require manual debt raising @ 100 minutes per debt. • An additional 20% of debts raised each year will require manual debt raising due to debt scenarios outside of automated ICT functionality. • General enquiry rate is based on customer cohort identified for compliance interventions. • Assisted compliance rate is based on customer cohort identified for compliance interventions. 		
<i>Will this proposal:</i>			
- amend an existing payment?	No		
- create new payments?	No		
- affect the review or appeal process?	Yes		
- affect debt raising/recovery activities?	Yes		

- require a new letter or a change to an existing letter?	Yes
- Please provide the volume of letters to be sent by payment type.	Please refer to section 1.3
- require a new form or a change to an existing form (including information booklets)?	No
- require a mail out?	No
- generate additional compliance activities?	Yes
- affect Management Information deliverables?	Yes New management information will be required to report on outcomes
- require data collection/exchange with another agency?	Yes Data collection/exchange will be required with the ATO.
Subsection 2.2 (a) – Business Stakeholder Assumptions	
<i>Business Stakeholder assumptions will be provided to the Business Owner for clearance during the costing process. Subsection 2.2 (a) does not need to be completed prior to submitting the External Costing Request form.</i>	

Section 2.3 – DHS ICT Requirements (Business to complete)	
ICT Requirements	<p data-bbox="555 297 916 327"><u>Online Compliance Platform</u></p> <p data-bbox="555 342 647 371"><u>Stage 1</u></p> <p data-bbox="555 389 1398 573">On 1 July 2016, the department will implement a self-service digital compliance platform. This new compliance platform will provide a more cost effective approach to managing instances of non-compliance by requiring customers, via their on-line account, to confirm or correct information that has been obtained via data matching with other agencies.</p> <p data-bbox="555 591 1414 741">The first stage of ICT development for the digital compliance platform includes employment income identified from Pay As You Go (PAYG) data. This will be delivered as part of the Employment Income Matching project under the <i>Strengthening the Integrity of Welfare Payments</i> measure announced in the 2015-16 Budget.</p> <p data-bbox="555 759 647 788"><u>Stage 2</u></p> <p data-bbox="555 806 1422 1028">The second stage of ICT development for the digital compliance platform includes more complex income. To be progressively implemented between 1 January 2017 and 1 July 2018, this stage will be delivered as part of the <i>Enhanced Welfare Payment Integrity – non-employment income data matching</i> measure announced in the December 2015 Mid-Year Economic Financial Outlook. This will provide functionality for additional employment income:</p> <ul data-bbox="603 1046 1410 1330" style="list-style-type: none"> • Historical employment income from ATO data matching • All other income reported in Income Tax returns from ATO data matching for example: <ul style="list-style-type: none"> ➤ Business income ➤ Superannuation ➤ Income Streams ➤ Income derived from Trusts ➤ Rental Income ➤ Income from bank accounts <p data-bbox="555 1395 647 1424"><u>Stage 3</u></p> <p data-bbox="555 1442 1390 1532">This proposal will deliver the next stage of ICT development, an online capability for compliance interventions associated with undisclosed or under declared assets. Specifically:</p> <ul data-bbox="603 1550 1426 1834" style="list-style-type: none"> • The asset value of bank accounts, term deposits, share portfolios and debentures, and income derived from these unless its delivered in stage two(AIRR matching with ATO) • Asset values associated with Trusts, and the income derived from these (ATO) • Foreign pension income (Internal profiling) • Real estate values (LTO matching) • Adjusted Taxable Income for CSHC assessments (ATO data matching) <p data-bbox="555 1852 1426 1906">The high level requirements to be costed for this proposal are included at Attachment A.</p>

Will the ICT functionality for this proposal be required for a defined period or ongoing?	Ongoing
Is this a repeatable change?	No

Subsection 2.3 (a) – ICT Proposed Solution

The Proposed ICT Solution will be provided to the Business Owner at the end of the costing process. Subsection 2.3 (a) does not need to be completed before submitting the External Costing Request form.

Section 2.4 – Financial Summary

The Financial Summary will be provided to the Business Owner at the end of the costing process. Section 2.4 does not need to be completed before submitting the External Costing Request form.

Note: Costings are valid for a period of 6 months from the date the costing is finalised.

Section Three
AUTHORISATIONS
(requesting agency and DHS to complete)

Department of Human Services - Authorisations:		
Authorised by:	Business Assumptions Agreed	Costing Agreed
Name		
Branch		
Phone		
Email		
Signature: <i>(email authorisation will be accepted)</i>	_____	_____
	SES B1 minimum	SES B1 minimum
Date:		
Requesting Agency - Authorisations:		
The external agency also notes the timeframe required to implement this proposal.		
Authorised by:	Business Assumptions Agreed	Costing Agreed
Name		
Branch		
Phone		
Email		
Signature: <i>(email authorisation will be accepted)</i>	_____	_____
	SES B1 minimum	SES B1 minimum
Date:		

Section Four
VERSION CHANGE CONTROL
 (requesting agency and DHS to complete)

Version Number	Date	Amended by	Brief description of the changes
0.1	10/03/2016	Chris Nicola	Initial Draft
0.2	11/03/2016	Chris Nicola	Updates following feedback, including ICT requirements
0.5	29/08/2016	Chris Nicola	Updated following changes to costing assumptions
0.6	21/09/2016	Chris Nicola	Updated to include additional NSO staffing

Attachment A - High-Level Requirements

ONLINE COMPLIANCE – ASSETS MODULE

Requirements to be delivered by June 2017 - AIIR Data and Adjusted Taxable Income

1. Case selection
 - a. Ingest the AIIR data received from the ATO.
 - b. Automate the identification and matching of cases from the AIIR data source.
 - c. Enable AIIR data to be available for the Online channel.
 - d. Automate the identification and matching of cases from adjusted taxable income data.
 - e. Enable adjusted taxable income data to be available for the online channel.
2. Commencement
 - a. Automate initiation of ATO matching for specific AIIR Data including but not limited to; bank accounts, term deposits, share and debenture portfolios
 - b. Automate initiation of ATO matching for specific adjustable taxable income data.
 - c. '*Primary Intervention Strategy*' identifiers for matched information from AIIR data and Adjusted Taxable Income data is created for the online platform.
 - d. Leverage off existing enhanced data exchange functionality with the ATO being delivered under Employment Income Matching Project to include asset value and value of income related to AIIR and Adjusted Taxable Income data.
3. Online functionality-
 - a. Update all aspects of the online platform delivered under the Employment Income Matching project to incorporate bank accounts, term deposits, share and debenture portfolios and adjusted taxable income including but not limited to, respond and provide evidence, ex-partner views and fully automated (where possible and cost effective) debt assessments.
 - b. Replicate the reporting delivered through Employment Income Matching Project for bank accounts, term deposits, share and debenture portfolios and adjusted taxable income.
 - c. New online letters to support interventions triggered through bank accounts, term deposits, share and debenture portfolios and adjusted taxable income.
 - d. Replicate the reminder communications functionality delivered through Employment Income Matching Project for bank accounts, term deposits, share and debenture portfolios and adjusted taxable income.
 - e. The ability to assess and apply data from bank accounts, term deposits, share and debenture portfolios and adjusted taxable income against the customers current and historical circumstances and present the outcome in real time.
 - f. The ability to automatically suspend, cancel and restore a customers benefit.
4. MI
 - a. Ability to capture and store Management Information and inputted information to include customer behaviour relating to AIIR data and Adjusted Taxable Income compliance interventions.

Requirements to be delivered by December 2017 - Trust Data and Land Titles Office (Investment Property) Data

1. Case Selection
 - a. Ingest the investment property data received from the LTO.

- b. Ingest the Trust data received from the ATO.
- c. Automate the identification and matching of cases from the LTO data.
- d. Automate the identification and matching of cases for the Trusts data from the ATO.
- e. Enable LTO and Trusts data to be available for the On-line channel.

2. Commencement

- a. Automate initiation of Trusts data and Investment Property data.
- b. '*Primary Intervention Strategy*' identifiers for matched information from Trusts and LTO data are created for the online platform.
- c. Leverage off existing enhanced data exchange functionality with the ATO being delivered under Employment Income Matching Project to include asset value and value of income related to Trusts.

3. Online functionality-

- a. Update all aspects of the online platform delivered under the Employment Income Matching project to incorporate Trusts and Investment Properties, including but not limited to, respond and provide evidence, ex-partner views and fully automated (where possible and cost effective) debt assessments.
- b. Replicate the reporting delivered through Employment Income Matching Project for Trusts and Investment Properties.
- c. New online letters to support interventions triggered through Trusts and LTO data.
- d. Replicate the reminder communications functionality delivered through Employment Income Matching Project for Trusts and Investment Properties.
- e. The ability to assess and apply data from Trusts and Investment properties against the customers current and historical circumstances and present the outcome in real time.
- f. The ability to automatically suspend, cancel and restore a customers benefit.

4. MI

- a. Ability to capture and store Management Information and inputted information to include customer behaviour relating to Trusts and Investment Properties compliance interventions.

Requirements to be delivered by June 2018 – Business Income - Family Day Care (FDC) Data

1. Case Selection

- a. Ingest the FDC data received from the Department of Education.
- b. Automate the identification and matching of cases from the FDC data source.
- c. Enable FDC data to be available for the On-line channel.

2. Commencement

- a. Automate initiation of FDC matching for business income.
- b. '*Primary Intervention Strategy*' identifiers for matched information from FDC data is created for the online platform.
- c. Leverage off existing enhanced data exchange functionality with the ATO being delivered under Employment Income Matching Project to include business income.

3. Online functionality-

- a. Update all aspects of the online platform delivered under the Employment Income Matching project (and not delivered through Increased Welfare compliance from data matching project) to incorporate business income from FDC matching including but not limited to, respond and provide evidence, ex-partner views and fully automated (where possible and cost effective) debt assessments.

- b. Replicate the reporting delivered through Employment Income Matching Project (and not delivered through Increased Welfare compliance from data matching project) for Business Income.
 - c. New online letters to support interventions triggered through business income from FDC matching.
 - d. Replicate the reminder communications functionality delivered through Employment Income Matching Project (and not delivered through Increased Welfare compliance from data matching project) for business income from FDC matching.
 - e. The ability to assess and apply data from business income (and not delivered through Increased Welfare compliance from data matching project) against the customers current and historical circumstances and present the outcome in real time.
 - f. The ability to automatically suspend, cancel and restore a customers benefit.
4. MI
- a. Ability to capture and store Management Information and inputted information to include customer behaviour relating to FDC compliance interventions.

Requirements to be delivered by December 2019 - Foreign Pension (FPI) Data

- 1. Case Selection
 - a. Ingest the Foreign Pension data internally profiled.
 - b. Automate the identification and risk profiling of cases from the Foreign pension data.
 - c. Enable Foreign pension data to be available for the Online channel.
- 2. Commencement
 - a. Automate initiation of Foreign Pension profiling.
 - b. '*Primary Intervention Strategy*' identifiers for profiled information from Foreign Pension data is created for the online platform.
 - c. Leverage off existing enhanced data exchange functionality with the ATO being delivered under Employment Income Matching Project to include Foreign pension data.
- 3. Online functionality-
 - a. Update all aspects of the online platform delivered under the Employment Income Matching project (and not delivered through Increased Welfare compliance from data matching project) to incorporate foreign pensions including but not limited to, respond and provide evidence, ex-partner views and fully automated (where possible and cost effective) debt assessments.
 - b. Replicate the reporting delivered through Employment Income Matching Project (and not delivered through Increased Welfare compliance from data matching project) for Foreign pensions.
 - c. New online letters to support interventions triggered through foreign pensions.
 - d. Replicate the reminder communications functionality delivered through Employment Income Matching Project (and not delivered through Increased Welfare compliance from data matching project) for Foreign pensions.
 - e. The ability to assess and apply data from foreign pensions (and not delivered through Increased Welfare compliance from data matching project) against the customers current and historical circumstances and present the outcome in real time.
 - f. The ability to automatically suspend, cancel and restore a customers benefit.

4. MI
 - a. Ability to capture and store Management Information and inputted information to include customer behaviour relating to foreign pension compliance interventions.

PAYG – Assumptions Summary

The following assumptions have been made based on the pool of cases available from the Pay As You Go (PAYG) data from the ATO.

Year	Volume of matches	Debt %	No of Debts	Average debt	Reduction %	Average fortnightly reduction
2010-11	475,797	85	404,427	978	5.5	\$203
2011-12	350,837	85	298,211	1,657	5.5	\$203
2012-13	253,394	85	215,375	1,918	5.5	\$203
Total	1,080,028	n/a	918,013	n/a	n/a	n/a

- Total debt and savings for this measure is estimated at **\$980 million**.
- Total debt for this measure would be **\$759 million** in recoverable debt (this is based on total debt of \$1.26 billion multiplied by the estimated recovery rate of 76% for working age payments and 67% for pension payments).
- Total reduction savings for this measure would be **\$220 million** (this may be impacted regarding the timing of this measure and the introduction of Single Touch Payroll).
- The average debt outcomes have been determined based on analysis of a sample of cases within each risk criteria.
- Reduction per intervention assumptions are based on average historical outcomes.
- Of the **1,080,028** matches there are **866,857** unique customers (185,396 have multiple matches over different financial years).
- **72%** of this customer base is current.

ICT Solution Summary

Three year measure commencing 1 July 2015 (saving over six years). Delivery strategy involves manual processing using existing business process in 1st year. Bulk of activity delivered through automated digital business process in 2nd year with residual activity in 3rd year.

High Debt Priority Scenario	2015-16	2016-17	2017-18	2018-19	Total
No. of Matches	104,657	487,686	487,686	-	
No. of Completions	84,000	391,429	391,429	-	866,857
Savings	94,594,745	283,195,743	381,810,087	220,810,087	980,449,499
Departmental Costs	-	-	-	-	-
Compliance ASL	328	200	191	4	723
Debt Recovery ASL	18	42	42	-	102
ICT	tba	tba	tba	-	

Extension PAYG New Measure – Costing Assumptions

National

Role	Level	16-17	17-18
Project Manager	EL1	0.5	0.5
Workload Manager	EL1	1	0.5
Workforce Manager	EL1	1	0.5
TOTAL		2.5	1.5
Workload Project Officer	APS6	1	0.5
Workforce Project Officer	APS6	1	0.5
TOTAL		3	2

Business Integrity/Appeals/Debt Management

Year 1

(Online) 1 July 16 to 30 June 17	Volume	Effort
Interventions	308,881	N/A
Matches	384,841	N/A
General Enquiry	10% of interventions	7 minutes
Debt %	85% of matches	N/A
Intervention Assistance	19.5% of interventions	30 minutes
Review of Documentation	22% of interventions	40 minutes
Manual Intervention Processing	12% of 22% of interventions	60 minutes
Manual Debt Raising	85% of the Manual Intervention Processing	100 minutes
Appeals	2.5% of interventions	Standard effort 366 mins
Debt Recovery	Please refer to assumptions below	40 minutes

Year 2

(Online) 2017-18	Volume	Effort
Interventions	308,881	N/A
Matches	384,841	N/A
General Enquiry	10% of interventions	7 minutes
Debt %	85% of matches	N/A
Intervention Assistance	19.5% of interventions	30 minutes
Review of Documentation	22% of interventions	40 minutes
Manual Intervention Processing	12% of 22% of interventions	60 minutes
Manual Debt Raising	85% of the Manual Intervention Processing	100 minutes
Appeals	2.5% of interventions	Standard effort 366 mins
Debt Recovery	Please refer to assumptions below	40 minutes

NOTE:

- The following assumptions to be used to calculate the number of Compliance Officers (APS4) required to undertake compliance interventions. Normal loading to be applied for management and quality.

- **Online** - 52% of the debts raised will be for non-current customers. 50% of these customers will already have an arrangement in place. Of the remaining 50% of these customers it is anticipated that 52% take up an online option, leaving 48% to require manual processing will require effort to establish an arrangement @ 40 mins
- 10% of interventions will make a general enquiry (this will be managed by Business Integrity through a dedicated number)
- 30% of customers (interventions) who go online (65% of customers) will require assistance with completing the online intervention.
- 22% of customers (interventions) will be required to lodge supporting documentation in order for intervention to be finalised. This will require Compliance Officer to review the documentation @ 40 minutes.
- Of the 22% where documentation, 12% of customers will require manual assessment @ 60 minutes per assessment.
- **Year 1 and 2 (Online)** - Of the 12% that require manual assessment, 85% will require manual debt raising @ 100 minutes per debt.
- **Debt Recovery** – Apply Debt Recovery methodology used for Strengthening the Integrity of Welfare Payments – Employment Income Matching Budget measure.
- These assumptions are to be used to calculate the number of Compliance Officers (APS4) required to undertake compliance interventions. Normal loading to be applied for management and quality.



Australian Government
Department of Human Services

**Division: Health and Government to
Business Systems**

Branch: Business Integrity Systems

**Project: External Data – PAYG Data
Matching**

**Task ID: DMR 67972 / RFC C172460 89094
(Broker), 88925 (Fraud
Management), 89081 (M204),
89071 (HANA), 89085 (ESP),
88937 (CAM), 89107 (BRF+),
BODS - C124180**

Release Date: 11/6/16/2016

Application: Fraud Management

**Method Group: Pay As You Go (PAYG) Matched
Event**

Document Type: User Change Specification

Version: 1.10

Admin. File Number: 2012/35952

Contact	Name	Phone
Business Manager	s 22	s 22
Systems Analyst	s 22	s 22
Technical Programmer	Various	

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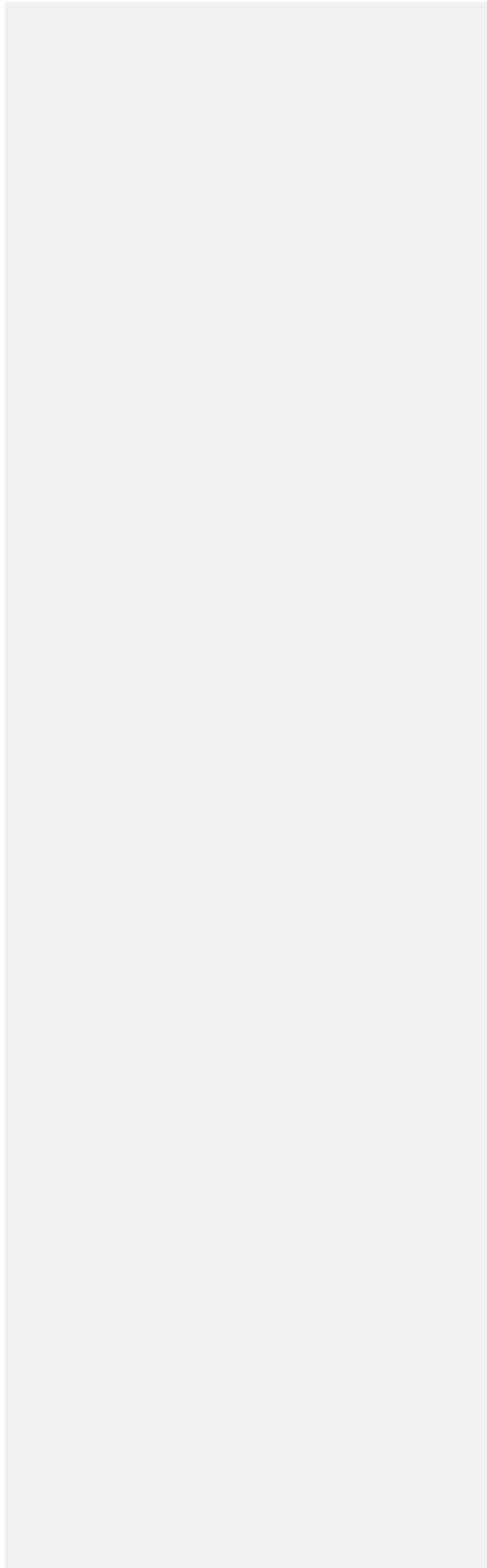
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1 Document Control

1.1 Business Integrity Services Contacts

Business Manager	\$ 22	
Senior Technical Officer	\$ 22	
Senior Systems Analyst	\$ 22	
Systems Analyst	\$ 22	
Technical Programmer	Various	

1.2 Document Location

Server	Location	Filename
ADITFS1	G:\BI Applications\Fraud Management\Detection Strategies\PAYG\User Specification	Fraud Management - PAYG Risk Assessment Detection Strategy vn.n

1.3 Document Change History

Version	Date	Author	Description
0.1	14/07/2015	\$ 22	Initial draft
0.2	30/11/2015	\$ 22	Update of business rules to allow for processing of selections from different financial years
0.3	8/12/2016	\$ 22	Further updates to business rules and methods
0.4	19/1/2016	\$ 22	Updates following internal review
1.0	3/3/2016	\$ 22	Final version following review from Business Team
<u>1.1</u>	<u>7/3/2016</u>	<u>\$ 22</u>	<u>Updates found during testing</u>

1.4 Related Documentation

The following documents relate to the content of this specification. The documents are available from Business Integrity Applications. This includes related Technical specifications, Business Requirement Statements and Test Specifications.

Document	Relationship
Message Broker Design for Fraud Management vn.n.docx	Technical Design Specification document for the Broker Fraud Management
Business Integrity Intelligence Store - PAYG Data Ingest Specification vn.n.docx	System Specification for the Pay As You Go (PAYG) Data Extract/Transform/Load (ETL) and Identity Matching Processes
PAYG Functional and Technical Specifications vn.n.docx	Technical Design Specification document for the Registrar General's Office rule group in Fraud Management
Business Integrity Intelligence Store - BIIS and Associated Products Master Design Specification vn.n.docx	Overarching BIIS Design Specification document that includes data culling information
Employment Income Matching PAYG transition to HANA DRD Vn.n	PAYG Business Detailed Requirements Document
Business Integrity Intelligence Store - Identity Matching Specification vn.n	Identity Matching Master User Specification
<u>Data Ingest Specification 03 - ATO Transactional Exchange n.n. (NM Signed)</u>	<u>This user specification defines the interaction between DHS and ATO</u>

1.5 Distribution List

Name	Team	Role
s 22	Case Selection	Business Manager
	Policy Strategy & Business Solutions	Business Manager
	Serious Non Compliance	Team Leader
	Serious Non Compliance	Project Manager
	Case Selection	Assistant Director – Earned Income Portfolio
	Business Integrity Coordination	Assistant Director
	Serious Non Compliance Branch	Assistant Director
	Serious Non Compliance Branch	Project Officer
	Business Integrity Systems Branch	Senior Technical Officer
	Business Integrity Systems Branch	Senior Technical Officer
	Business Integrity Systems Branch	Senior Systems Analyst
	Business Integrity Systems Branch	Senior Systems Analyst
	Business Integrity Systems Branch	IT Project Manager
	Business Integrity Systems Branch	BI Director
	Adelaide Enterprise Testing	Adelaide Enterprise Testing
	Data Matching Team	Data Matching Business team

1.6 Stakeholder List

Name	Team	Role
Maurice Savelli	Business Integrity Systems Branch	National Manager
s 22	Business Integrity Systems Branch	Business Manager
s 22	Business Integrity Systems	IT Project Manager
Scott Britton	Customer Compliance Branch	National Manager
Mark Brown	Fraud and Intelligence Branch	National Manager
s 22	Case Selection	Business Manager

1.7 Specification Sign-Off

Method group: PAYG Matched Event

Certification

We certify the details contained in this User Specification are correct as at the date of signature.

Signed

Senior Systems Analyst
s 22

Date/...../.....

Signed

Business Owner
s 22

Date/...../.....

Signed

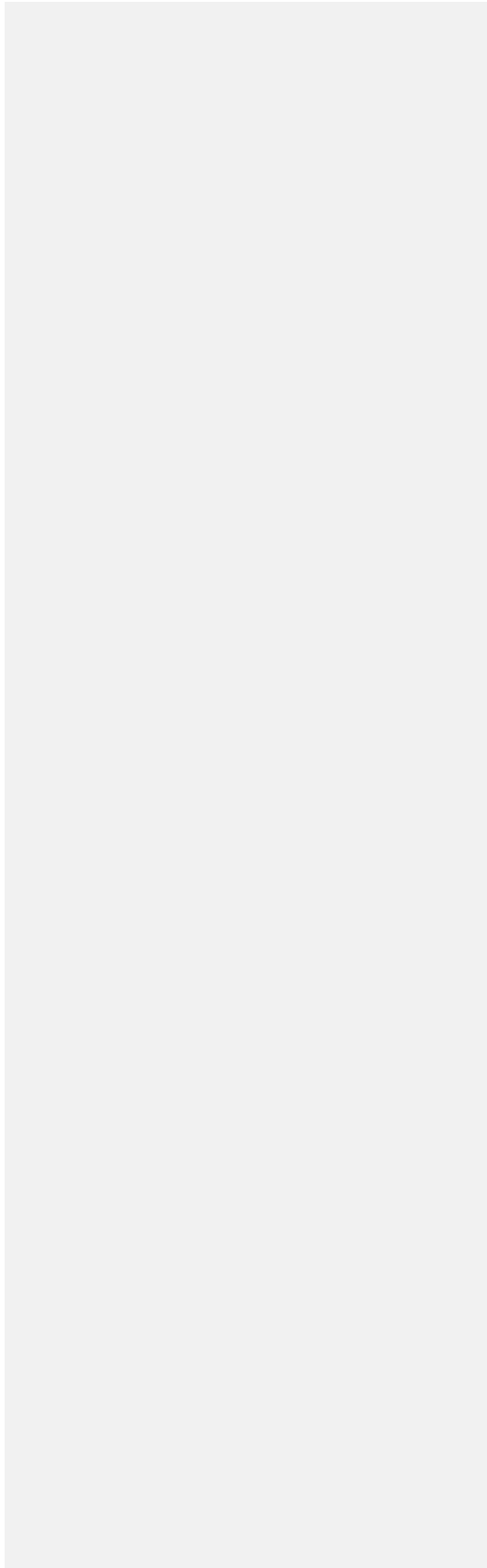
Senior Technical Officer
s 22

Date/...../.....

Signed

Senior Technical Officer
s 22

Date/...../.....



1.8 Table of Definitions

Term	Definition
ABN	Australian Business Number
ANZSIC	Australian & New Zealand Standard Industry Classification
ATO	Australian Taxation Office
BADI	Business Add-In (SAP technical enhancement of SAP product)
BI	Business Integrity
BIS	Business Integrity Systems Branch
BIIS	Business Integrity Intelligence Store
CAM	Channel Allocation Manager
CDEP	Community Development Employment Program
CPSP	Centrelink Payment Status Percentage
CEPS	Centrelink Education Payment System
DEEWR	Department of Education, Employment and Workplace Relations
DMIS	Debt Management Information System
DMP	Data Matching Program
EDX	External Data Exchange
ET	Enterprise Testing Branch
ETP	Non-superannuation payer – eligible termination payment
ETS	Superannuation payer – eligible termination payment
FaHCSIA	Department of Families, Housing, Community Services and Indigenous Affairs
FTP	File Transfer Protocol
HANA	High Performance In-memory data base
IES	Integrated Employment System
INB	Individual Non-Business
Intervention	Action taken to review a customer record (by a CSA or an automatic process) (match-selection-task-work item-intervention)
IRS	Integrated Review System
ISIS	Income Security Integrated System
LAB	Labour Hire & Other Specified Payments ATO Payment Summary
NSS	Newstart System
PAYG	Pay As You Go
PEN	Pensions System
PGA	Parenting Payment System
PIT	Program Interface Testing
PSA	Personal Services Attributed income
QC	Quality Centre
RDF	Reference Data Facility
Selection	Customer record that has been selected as being at risk as a result of applied configured business Methods (match-selection-task-work item-intervention)
SIT	System Integration Testing
SUW	Single User Workspace
SIMS	Selection Intervention Management System
Task	The selection that has been risk assessed (match-selection-task-work item-intervention)
TDF	Tax File Number Declaration Form
TDF	Test Data Facility
TCI	Test Case Identifier
VOL	Voluntary Agreement
Work item	The task that has been taken placed on virtual queue (match-selection-task-work item-intervention). A work item consists one or multiple tasks; it is unallocated
WPN	Withholding Payer Number

1.9 Impact on Other Areas

Advised other impacted areas that this change will relate to.

Systems Clusters/Processes Affected					
Architectural Areas		Payment Clusters		Others	
ARC		CentrePay		CRE	
ASD		Essentials		Data Acquisition	
COL		PAY		Management Information	
CSE		PYI		Staff Online	
DIN		TAX			
EDX		Common Clusters			
IAM/AWA		Batch/DDR			
IST		Cards			
MSS		Inserts			
NX		Letters ADV			
ODR		RDF			
PAL		CEM			
RIP		Circumstance Clusters			
RVM		ACR			
SHL		CDC			
TAG		CDU			
WIA		ORG			
WEB		TFN			
Internal Interfaces					
IMS		CAM	X	WMS	
SIMS	X	HANA	X	ISIS Mainframe	X
External Interfaces					
AFFA		DEST		FaHCSIA	
ATO		DEEWR		Medicare Australia	
CCS		DHFS		Mercantile Agents	
CSA		DIAC		SHA	
Documentation					
Data Collections		Look Up Guides		Task Cards	
Design Guides		Reference Updates		User Guide	
Forms		System Bulletins		Customer Portal	
Other					
Service First		PRISM		XP Screens	
Appeals		Prosecutions		Scripts	
CDI		Mutual Customer Identification		Training	
FAO Estimator		QOL			
PC Debt Calculator					

2 Pay As You Go (PAYG) Matched Event Method Group - Overview

2.1 Introduction

The PAYG Method Group is triggered by a match event identifying that a Centrelink Customer record has been identity matched against PAYG data records received from the Australian Tax Office (ATO).

For the purposes of this user specification the Customer is the person matched with the ATO PAYG data. The customer may or may not be on a Centrelink Payment, but they are the person who has the ATO PAYG data.

Australian Taxation Office (ATO) PAYG data matching identifies possible incorrect and/or fraudulent Centrelink payments by comparing the income details of Centrelink customers with ATO PAYG records to detect customers who are either not declaring or under declaring income. The ATO PAYG data used in the matching system is sourced from the PAYG payment summaries electronically lodged by employers with the ATO.

ATO provides a file of PAYG data to Centrelink that has been identity matched by the ATO with Centrelink customers. The Centrelink data for ATO matching is based on the Welfare File. The customers' Centrelink income details are then compared with the income details in their PAYG Payment Summary using a defined set of business Methods and refinement criteria (the PAYG Method Group) and, where anomalies are identified between the income declared to Centrelink and ATO, the customer is selected for review.

2.2 Purpose

The purpose of the PAYG Method Group is to detect Centrelink customers who are failing to declare, or who are under declaring income from employment to Centrelink.

Detection of these cases allows payment entitlement to be correctly assessed, and if applicable, payment ceased and incorrectly paid money to be recovered.

The assessment of the individual Methods within the Method Group is completed by comparing the income details in their PAYG Payment Summary against extracts of the Centrelink's customer record data stored within SAP HANA.

2.3 Process Overview Description

ATO provides a file of PAYG data to Centrelink that has been identity matched by the ATO with Centrelink customers. The Centrelink data for ATO matching is based on the BI Extract file.

The data is forwarded to Centrelink via an Optus link and the following process steps are undertaken:

Pre Fraud Management processes

When received, the PAYG data is loaded into HANA and Identity Matched against Centrelink customer data.

Fraud Management Process

Where an identity match is confirmed a matched event is passed into Fraud Management for assessment against the current business Methods configuration settings, to identify where the external data received indicates that the customer is failing to declare, or is under declaring income from employment to Centrelink.

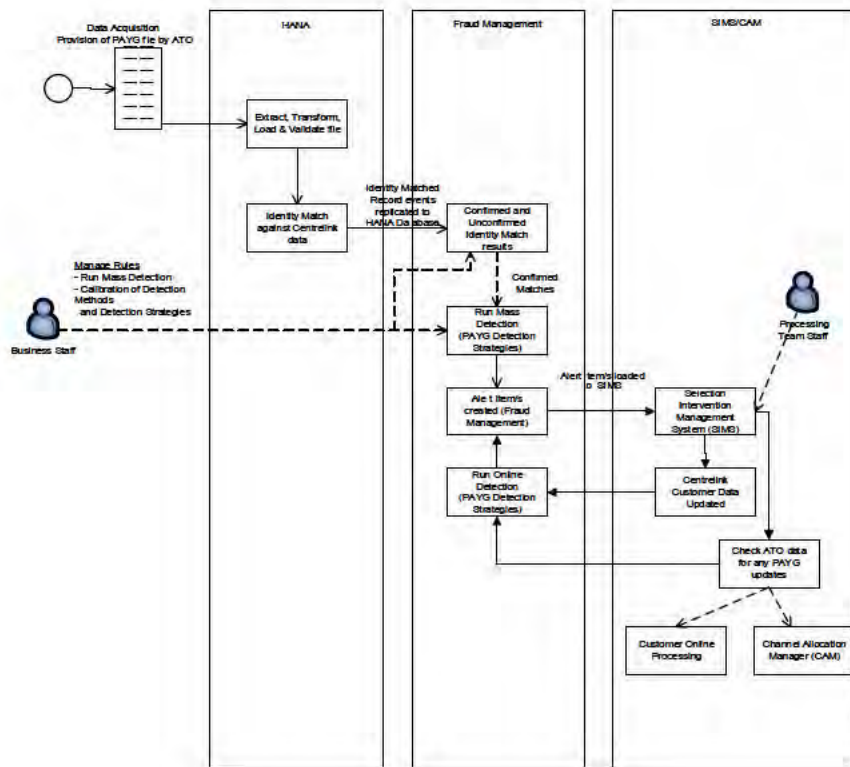
Post Fraud Management Processes

The task selections are passed to SIMS awaiting review processing by business teams. Whilst these selections await processing they are re-run by Fraud Management whenever relevant data is updated on the customer's record. This ensures that selections are removed or maintained given the arrival of any new, relevant data. When the reviews are ready to be processed they are forwarded out of SIMS to downward processing (i.e., CAM, online processing).

Any customer data update events in the same financial year for a match ATO record that did not originally create a selection SIMS will also be checked everytime an event occurs. If the data creates an Alert a SIMS selection will also be created. This check will only occur where a selection was not originally created. Once a SIMS selection is created for the customer this check will not be repeated.

When a PAYG selection is allocated from SIMS for intervention processing (online review processing or BAU intervention processing via CAM), the allocation will be temporarily held pending a contact request to the ATO for the customer's latest financial year PAYG Summary data. If no PAYG Summary data for the latest financial year available the allocation of the PAYG selection will be completed. If the ATO does provide additional PAYG Summary data for the customer, this additional data will be risk assessed to determine if any additional PAYG selection is to be included in the allocation. If an additional PAYG selection is identified then this will be allocated along with existing PAYG selection.

2.4 Business Process Diagram



2.5 Scope

2.5.1 *In Scope*

The scope of this document is to describe the inputs, the Methods used, and the outputs of the PAYG Method Group processing. This includes:

- Assessing risk and creating output for risk selections
- Creation of Fraud Management PAYG management information
- Processing requirements

2.5.2 *Out of scope*

- Any other Method Group's processes
- HANA processes
- Selection Intervention Management System (SIMS) processes
- Any business processes

3 Security Access and Authorisation Group

3.1 Standard Processing

The Access Group and Authorisation Group sensitivity level applied to allow access to view/manage the PAYG Risk Assessment Detection Strategies and Fraud Alerts is:

- S02 - Low Sensitivity Access - General Compliance activities

For more information regarding the Fraud Management Access and Security controls please refer to the [Fraud Management - Overarching User Specification v.n.n](#), [SAP Fraud Mngt Functional and Technical Specification_V.n.n](#) document.

4 Inputs

4.1 Matched record events from HANA

If an Identity Match is identified a matched record event will be received from HANA. For the PAYG Method Group, the following external record details are required as part of the matched record event to run the Methods.

See latest version of the 'Business Integrity Intelligence Store - PAYG Data Ingest Specification' for the detailed description of the matching process.

4.1.1 Format of matched event records payload

The Identity Matched PAYG record will be received as a PAYG Record Match message event from the HANA.

The format and attributes of the matched record event to be received is as follows:

Data Item	Data Description	HANA Table Name	HANA Field Name
Customer Person Id	The matched Centrelink Record's Customer Reference Number (minus the Check Digit)	CUST_MTCH_PYG_DATA	PERSON_ID
Source Id	Derived from the external file ID attached to the raw file during the Extract, Transform and Load process	CUST_MTCH_PYG_DATA	EXT_FILE_ID
Match List Id	A unique identifier for the customer record that has matched against the raw data row	CUST_MTCH_PYG_DATA	MTCH_LIST_ID
Match Data Id	Derived to identify the raw data row that was matched	CUST_MTCH_PYG_DATA	MTCH_DATA_ID
Payer ABN/WPN	Australian Business Number or Withholding Payer Number	CUST_MTCH_PYG_DATA	PAYER_ABN_OR_WPN_TEXT
Payer Branch No	Payer's Branch Number	CUST_MTCH_PYG_DATA	PAYER_BRNCH_NUM_TEXT
Financial Year	Denotes the applicable Financial Year	CUST_MTCH_PYG_DATA	FIN_YR_NUM
Payer Name	Name of the Payer	CUST_MTCH_PYG_DATA	PAYER_NAME
Payer Trading Name	Payer's Trading Name	CUST_MTCH_PYG_DATA	PAYER_TRADING_NAME
Payer Address Line 1	Payer's Address Line 1	CUST_MTCH_PYG_DATA	PAYER_ADDR_LINE_1_TEXT
Payer Address Line 2	Payer's Address Line 2	CUST_MTCH_PYG_DATA	PAYER_ADDR_LINE_2_TEXT
<u>Payer Suburb town or city</u>	<u>Payer Suburb town or city</u>	<u>CUST_MTCH_PYG_DATA</u>	<u>PAYER_LCLTY_NAME</u>
<u>Payer State or Territory</u>	<u>Payer State or Territory</u>	<u>CUST_MTCH_PYG_DATA</u>	<u>PAYER_STATE_CODE</u>
<u>Payer Postcode</u>	<u>Payer Postcode</u>	<u>CUST_MTCH_PYG_DATA</u>	<u>PAYER_POSTCODE</u>
Payer Country	Payer's Country	CUST_MTCH_PYG_DATA	PAYER_CTRY_NAME
Payer Contact Name	Payer's Contact Name	CUST_MTCH_PYG_DATA	PAYER_CONTACT_NAME
Payer Contact No	Payer's Contact Phone Number	CUST_MTCH_PYG_DATA	PAYER_CONTACT_PH_NUM_TEXT

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Data Item	Data Description	HANA Table Name	HANA Field Name
Payer Fax No	Payer's Contact Fax Number	CUST_MTCH_PYG_DATA	PAYER_CONTACT_FAX_NUM_TEXT
Payer ETP Type	Payer's Eligible Termination Payment Type	CUST_MTCH_PYG_DATA	PAYER_ETP_PAYER_TYPE_CODE
Payer ANZSIC Code	Payer's ANZSIC Code	CUST_MTCH_PYG_DATA	PAYER_ANZSIC_CODE
Payee Payment Type	Indicates the Payment Summary Type for the record	CUST_MTCH_PYG_DATA	PYMT_TYPE_CODE
Centrelink Person ID	Payees' Client Reference Number (CRN without the Check Digit)	CUST_MTCH_PYG_DATA	CNTRLNK_CRN_TEXT
Payee ABN No	Payee's ABN Number	CUST_MTCH_PYG_DATA	PAYEE_ABN_TEXT
Payee DOB	Payee's Date Of Birth	CUST_MTCH_PYG_DATA	BIRTH_DATE_TEXT
Payee Surname	Payee's Surname	CUST_MTCH_PYG_DATA	LAST_NAME
Payee First Name	Payee's First Given Name	CUST_MTCH_PYG_DATA	FIRST_NAME
Payee Second Name	Payee's Second Given Name	CUST_MTCH_PYG_DATA	SECOND_NAME
Sex	The payee's gender code	CUST_MTCH_PYG_DATA	GNDR_CODE
Payee Address Line 1	Payee's Address - Line 1	CUST_MTCH_PYG_DATA	ADDR_LINE_1_TEXT
Payee Address Line 2	Payee's Address - Line 2	CUST_MTCH_PYG_DATA	ADDR_LINE_2_TEXT
Payee Suburb	Payee's Suburb, Town or City	CUST_MTCH_PYG_DATA	LCLTY_NAME
Payee State	Payee's State or Territory	CUST_MTCH_PYG_DATA	STATE_CODE
Payee Postcode	Payee's Postcode	CUST_MTCH_PYG_DATA	POSTCODE
Payee Country	Payee's Country	CUST_MTCH_PYG_DATA	CTRY_NAME
Payment Start Date	Payment Period Start Date	CUST_MTCH_PYG_DATA	PYMT_PERIOD_START_DATE
Payment End Date	Payment Period End Date	CUST_MTCH_PYG_DATA	PYMT_PERIOD_END_DATE
Labour Hire Payment Type	Payment Type - This field is only populated where the Payee Payment Type = 'LAB'. Values are: 001 - for labour hire 002 - for other specified payments	CUST_MTCH_PYG_DATA	LBR_HIRE_PYMT_TYPE_CODE
Withholding Rate	Rate at which Tax is Withheld	CUST_MTCH_PYG_DATA	TAX_WH_PC_TEXT
Total Tax Withheld	Total Amount of Tax Withheld	CUST_MTCH_PYG_DATA	TOT_TAX_WITHHELD_AMT_TEXT
Gross Payment	The standardised Gross Payment Amount, including cents (cents amount)	CUST_MTCH_PYG_DATA	GR_PYMT_AMT_TEXT
Raw Gross Payment	The raw Gross Payment Amount (dollar amount)	CUST_MTCH_PYG_DATA	RAW_GR_PYMT_AMT_TEXT
Total Allowances	Total Amount of Allowances	CUST_MTCH_PYG_DATA	TOT_ALLOW_AMT_TEXT
Lump Sum Payment A	Amount of Lump Sum Payment A - This attribute is only used for the INB record	CUST_MTCH_PYG_DATA	LSUM_PYMT_A_AMT_TEXT
Lump Sum Payment B	Amount of Lump Sum Payment B- This attribute is only used for the INB record	CUST_MTCH_PYG_DATA	LSUM_PYMT_B_AMT_TEXT
Lump Sum Payment D	Amount of Lump Sum Payment D- This attribute is only used for the INB record	CUST_MTCH_PYG_DATA	LSUM_PYMT_D_AMT_TEXT

Data Item	Data Description	HANA Table Name	HANA Field Name
Lump Sum Payment E	Amount of Lump Sum Payment E- This attribute is only used for the INB record	CUST_MTCH_PYG_DATA	LSUM_PYMT_E_AMT_TEXT
CDEP Amount	Amount of Community Development Employment Project- This attribute is only used for the INB record	CUST_MTCH_PYG_DATA	CDEP_AMT_TEXT
Other Income	Amount of Other Income - This attribute is only used for the INB or DSP records	CUST_MTCH_PYG_DATA	OTH_INC_AMT_TEXT
Fringe Benefits	Amount of Reportable Fringe Benefits- This attribute is only used for the INB record	CUST_MTCH_PYG_DATA	REPORTABLE_FB_AMT_TEXT
Income Type	Income Type – Salary and Wages or Pension. This attribute is only used for the INB record	CUST_MTCH_PYG_DATA	INC_TYPE_CODE
Days Before 01JUL83	Number of calendar days in eligible service period before 1 July 1983 - This attribute is only used for the ETP or ETS records.	CUST_MTCH_PYG_DATA	PRE_JUL_83_ELIG_SVC_DAYS_TEXT
Days After 30JUN83	Number of calendar days in eligible service period after 30 June 1983 - This attribute is only used for the ETP or ETS records	CUST_MTCH_PYG_DATA	POST_JUL_83_ELIG_SVC_DAYS_TEXT
CGT Exempt Amount	CGT Exempt Component - This attribute is only used for the ETP or ETS records.	CUST_MTCH_PYG_DATA	CGT_EXEMPT_CMPNT_AMT_TEXT
Non-Qualifying Amt	Non-Qualifying Component- This attribute is only used for the ETP or ETS records.	CUST_MTCH_PYG_DATA	NON_QUALIFYING_CMPNT_AMT_TEXT
Undeduct Contribution	Undeducted Contributions - This attribute is only used for the ETP, ETS or DSP records.	CUST_MTCH_PYG_DATA	UNDCTD_CONTRIB_AMT_TEXT
Concessional Amount	Concessional Component - This attribute is only used for the ETP or ETS records	CUST_MTCH_PYG_DATA	CONCESSIONAL_CMPNT_AMT_TEXT
Pre July83 Amount	Pre July 1983 Component - This attribute is only used for the ETP or ETS records	CUST_MTCH_PYG_DATA	PRE_JUL_83_CMPNT_AMT_TEXT
Post Jun83 Untaxed	Post June 1983 Untaxed Element - This attribute is only used for the ETP, ETS or DSP records	CUST_MTCH_PYG_DATA	POST_JUN_83_UNTAX_AMT_TEXT
Post Jun83 Taxed	Post June 1983 Taxed Element - This attribute is only used for the ETP or ETS records	CUST_MTCH_PYG_DATA	POST_JUN_83_TAX_AMT_TEXT
Post Jun94 Invlid Amt	Post June 1994 Invalidity Component	CUST_MTCH_PYG_DATA	POST_JUN_94_INVLD_CMPNT_TEXT
Assessable Amount	Assessable Amount - This attribute is only used for the ETP or ETS records	CUST_MTCH_PYG_DATA	ASSBL_AMT_TEXT
Death Benefit Indctr	Death Benefit – Y or N. This attribute is only used for the ETP or ETS records	CUST_MTCH_PYG_DATA	DEATH_BEN_IND

Data Item	Data Description	HANA Table Name	HANA Field Name
Death Benefit Type	Type of Death Benefit - This attribute is only used for the ETP or ETS records. Values are: T = Payment made to trustee O = Payment made to other than trustee.	CUST_MTCH_PYG_DATA	DEATH_BEN_TYPE_CODE

4.1.2 *Format of matched event records payload – ATO Data Exchange*

When a SIMS selection is allocated from SIMS to downstream processing an ATO Data Exchange request will be created. A request to the ATO will transfer any new PAYG data for that customer. This data will be run through Fraud Management and may potentially create a new alert for the customer using the new PAYG data.

The format and attributes of the matched record event to be received from the ATO is defined in section: as follows:

Section:Inserting new CUST_MTCH_PYG_DATA record

User Specification: Data Ingest Specification 03 - ATO Transactional Exchange 1.0 (NM Signed)

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4.2 Internal data

For the PAYG Method Group, the following internal record details are required to support the business Methods execution and/or to generate output.

4.2.1 Internal data items - ISIS

The following Customer data items required for the PAYG Method Group is stored in the following HANA tables. Unless otherwise stated, the data item required is the most recent, non-future dated confirmed occurrence found.

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
Customer's Reference Information					
Customer Person Id	The matched Centrelink Record's Customer Reference Number (minus the Check Digit)		PERSON.ID		PERSON_ID
Partner's Reference Information					
Partner Person ID	The CRN for the partner of the matched Centrelink Record	CUST	CUPT.PTNR SSR	CUST_CST_CUPT	CUPT_PTNR_SSR
Partner Person DOE	The Date of Effect of the person ID	CUST	CUPT.DOV	CUST_CST_CUPT	CUPT_DOV
Relationship Status	The relationship status of the customer	CUST	CUPT.MARITAL.STS.CODE	CUST_CST_CUPT	CUPT_MARITAL_STS_CODE
Customer's Benefit Information					
Benefit Type	The first/next type of Newstart, Parenting Payment or Pension Benefit or Abstudy Benefit found for the customer	DETM	NSDS.BEN.TYPE.CODE or PGDS.BEN.TYPE.CODE or PNDS.BEN.TYPE.CODE	DETM_DETIS_NSDS Or DETM_DETIS_PGDS Or DETM_DETIS_PNDS	NSDS_BEN_TYPE_CODE or PGDS_BEN_TYPE_CODE or PNDS_BEN_TYPE_CODE
Benefit System	The first/next type of Newstart, Parenting Payment or Pension Benefit or Abstudy Benefit found for the customer	DETM	NSDS.BEN.TYPE.CODE or PGDS.BEN.TYPE.CODE or PNDS.BEN.TYPE.CODE	DETM_DETIS_NSDS Or DETM_DETIS_PGDS Or DETM_DETIS_PNDS	NSDS_BEN_TYPE_CODE or PGDS_BEN_TYPE_CODE or PNDS_BEN_TYPE_CODE
Benefit Status	The Benefit Status Code for the Newstart, Parenting Payment or Pension Benefit found	DETM	NSDS.STS.CODE or PGDS.STS.CODE or PNDS.STS.CODE	DETM_DETIS_NSDS Or DETM_DETIS_PGDS Or DETM_DETIS_PNDS	NSDS_STS_CODE or PGDS_STS_CODE or PNDS_STS_CODE

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
Benefit DOE	DETM	DETM	NSDS.DOE or PGDS.DOE or PNDS.DOE	DETM_DETIS_NSDS Or DETM_DETIS_PGDS Or DETM_DETIS_PNDS	NSDS_DOE or PGDS_DOE or PNDS_DOE
Partner's Benefit Information					
Partner Benefit Type	The first/next type of Newstart, Parenting Payment or Pension Benefit found for the customer	DETM	NSDS.BEN.TYPE.CODE or PGDS.BEN.TYPE.CODE or PNDS.BEN.TYPE.CODE	DETM_DETIS_NSDS Or DETM_DETIS_PGDS Or DETM_DETIS_PNDS	NSDS_BEN_TYPE_CODE or PGDS_BEN_TYPE_CODE or PNDS_BEN_TYPE_CODE
Partner Benefit Status	The Benefit Status Code for the Newstart, Parenting Payment or Pension Benefit found	DETM	NSDS.STS.CODE or PGDS.STS.CODE or PNDS.STS.CODE	DETM_DETIS_NSDS Or DETM_DETIS_PGDS Or DETM_DETIS_PNDS	NSDS_STS_CODE or PGDS_STS_CODE or PNDS_STS_CODE
Partner Benefit DOE	The Date of Effect for the Newstart, Parenting Payment or Pension or Abstudy Benefit found	DETM	NSDS.DOE or PGDS.DOE or PNDS.DOE	DETM_DETIS_NSDS Or DETM_DETIS_PGDS Or DETM_DETIS_PNDS	NSDS_DOE or PGDS_DOE or PNDS_DOE
Customer's Blind Indicator Information					
Blind indicator	The Indicator to identify if the customer is blind.	ISSM	DL1P.BLIND.IND	ISSM_SUMM_DL1P	DL1P_BLIND_IND
Blind Indicator DOE	The Date of Effect of the Blind Indicator	ISSM	DL1P.DOE	ISSM_SUMM_DL1P	DL1P_DOE
Partner's Blind Indicator Information					
Partner Blind indicator	The Indicator to identify if the customer is blind.	ISSM	DL1P.BLIND.IND	ISSM_SUMM_DL1P	DL1P_BLIND_IND
Partner Blind Indicator DOE	The Date of Effect of the Partner's Blind Indicator	ISSM	DL1P.DOE	ISSM_SUMM_DL1P	DL1P_DOE
Customer Business Income Information					
Business Source Code	The Valuation Source Code value for the business record	CIRC	RBBD.VALN.SRC.CODE	CIRC_REST_RBBD	RBBD_VALN_SRC_CODE
Business DOE	The Date of Effect of the Business Source Code	CIRC	RBBD.DOE	CIRC_REST_RBBD	RBBD_DOE
Customer's Compensation Income Information					

Data Item	Data Description	Customer Record		HANA	HANA
		File Name	Field Name	Table Name	Field Name
Compensation Income Amount	The customers compensation Income Amount	CIRC.COMPO	CTDT.COMPO.AMT	CIRC_COMPO_CTDT	CTDT_COMPO_AMT
Compensation Income DOE	The compensation Income Date of Effect	CIRC.COMPO	CTDT.DOV	CIRC_COMPO_CTDT	CTDT_DOV
Compensation Income Frequency	The compensation Amount Frequency Code	CIRC.COMPO	CTDT.COMPO.AMT.FREQ.CODE	CIRC_COMPO_CTDT	CTDT_COMPO_AMT_FREQ_CODE
Customer's Death information					
Date of Death	The Date of Death for the customer	CUST	CUDD.DEATH.DATE	CUST_CST_CUDD	CUDD_DEATH_DATE
Customer's Debt Information					
Debt Reason	The reason for the Debt	DEBT	BT.DEBT.RSN.CODE	DEBT_DEBT_BT	BT_DEBT_RSN_CODE
Debt Start Date	The start date of the Debt	DEBT	BT.DEBT.START.DATE	DEBT_DEBT_BT	BT_DEBT_START_DATE
Debt End Date	The end date of the Debt	DEBT	BT.DEBT.END.DATE	DEBT_DEBT_BT	BT_DEBT_END_DATE
Debt Benefit Type	The Benefit Reason applied to the Debt	DEBT	BT.DEBT.BEN.TYPE.CODE	DEBT_DEBT_BT	BT_DEBT_BEN_TYPE_CODE
Debt Amount	The total amount of Debt	DEBT	BD.DEBT.TOT.AMT	DEBT_DEBT_BD	BD_DEBT_TOT_AMT
<u>Debt ID</u>	<u>The Debt ID of the debt</u>	<u>DEBT</u>	<u>DEBT.ID</u>	<u>DEBT_DEBT_BD</u> <u>DEBT_DEBT_BT</u>	<u>DEBT_ID</u>
Customer's Earnings Information					
Earnings Income Amount	The earnings income amount	CIRC.EARN	CIRC.EARN	CIRC_EARN_EADT	EADT_EARN_AMT
Earnings Frequency	The Earnings Hours Worked PFAmount for the most recent earnings record	CIRC.EARN	EADT.AMT.FREQ.CODE	CIRC_EARN_EADT	EADT_AMT_FREQ_CODE
Earnings DOE	The Earnings Date of Event	CIRC.EARN	EADT.DOV	CIRC_EARN_EADT	EADT_DOV
Employer ID	The earnings employer identification Number	CIRC.EARN	EADT.ID	CIRC_EARN_EADT	EADT_ID
Customer's Income Maintenance Period Information					
Income Maintenance Period Income Amount	The customer's income maintenance period income amount	CIRC.IMP	IPDT.AMT	CIRC_IMP_IPDT	IPDT_AMT
Income Maintenance Period Start Date	The customers Income Maintenance Income Start Date	CIRC.IMP	IPDT.START.DATE	CIRC_IMP_IPDT	IPDT_START_DATE
Income Maintenance Period End Date	The customers Income Maintenance Income End Date	CIRC.IMP	IPDT.END.DATE	CIRC_IMP_IPDT	IPDT_END_DATE

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
Income Maintenance Period Income Total Day Cnt	The customers Income Maintenance Income Total entire number of days for the entire income maintenance period	CIRC.IMP	IPDT.DAY.CNT.NUM	CIRC_IMP_IPDT	IPDT_DAY_CNT_NUM
Income Maintenance Period Income Type	The customers Income Maintenance Income Type	CIRC.IMP	IPDT.TYPE.CODE	CIRC_IMP_IPDT	IPDT_TYPE_CODE
Customer's Other Government Payment Information					
Other Government Payments Income Amount	The customer other government payments income amount	CIRC.OTH.GOV.T.P YMTS	OGOD.AMT	CIRC_GOVTPMT_OGOD	OGOD_AMT
Other Government Payments Income DOE	The customers other government Payments Income Date of Event	CIRC.OTH.GOV.T.P YMTS	OGOD.DOV	CIRC_GOVTPMT_OGOD	OGOD_DOV
Other Government Payments Income Frequency	The customers other Government Payments Income Payment Frequency	CIRC.OTH.GOV.T.P YMTS	OGOD.AMT.FREQ.CODE	CIRC_GOVTPMT_OGOD	OGOD_AMT_FREQ_CODE
Customer's Other Income Information					
Other Income Type	The Income Other Income Type Code value for the Other Income record	CIRC.INC	INID.OTH.INC.TYPE.CODE	CIRC_INC_INDNT	INID_OTH_INC_TYPE_CODE
Other Income Amount	The other income gross amount	CIRC.INC	INDT.GR.AMT	CIRC_INC_INDNT	INDT_GR_AMT
Other Income DOE	The date of effect of the customers other income amount	CIRC.INC	INDT.DOV	CIRC_INC_INDNT	INDT_DOV
Other Income Frequency	The other income frequency code of the other income amount	CIRC.INC	INDT.AMT.FREQ.CODE	CIRC_INC_INDNT	INDT_AMT_FREQ_CODE
Customer's Pension Income Free Amount					
PEN Income Free Area	The Pension Income Amount for the customer	PNAW	PNCR.BASE.INC.FREE.AREA AM T	PNAW_PAW_PNCR	PNCR_BASE_INC_FREE_AREA_AMT
PEN dependent child Income Free Area	The Pension Income Amount for the additional dependent child	PNAW	PNCR.DEP.CHILD.FREE.AREA.A MT	PNAW_PAW_PNCR	PNCR_DEP_CHILD_FREE_AREA_AMT
Customer's Pension Income Free Amount					
<u>Partner PEN Income Free Area</u>	<u>The Pension Income Amount for the customer</u>	<u>PNAW</u>	<u>PNCR.BASE.INC.FREE.AREA AM T</u>	<u>PNAW_PAW_PNCR</u>	<u>PNCR_BASE_INC_FREE_AREA_AMT</u>
<u>Partner PEN dependent child Income Free Area</u>	<u>The Pension Income Amount for the additional dependent child</u>	<u>PNAW</u>	<u>PNCR.DEP.CHILD.FREE.AREA.A MT</u>	<u>PNAW_PAW_PNCR</u>	<u>PNCR_DEP_CHILD_FREE_AREA_AMT</u>

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Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
Customer's Historical Student Status Information					
Student Status	The Customer's current Education Student Status Code	CIRC.EDU	EUES.STDNT.STS.CODE	CIRC_EDU_EUES	EUES_STDT_STS_CODE
Student Status DOE	The Customer's current Education Student Date of Effect	CIRC.EDU	EUES.DOE	CIRC_EDU_EUES	EUES_DOE
Customer's Superannuation Income Information					
Superannuation Income DOE	The customer's superannuation Date of Event	CIRC.SUPER	SNDT.DOV	CIRC_SUPER_SNDT	SNDT_DOV
Superannuation Income Frequency	The customer's superannuation frequency code	CIRC.SUPER	SNDT.SUPER.AMT.FREQ.CODE	CIRC_SUPER_SNDT	SNDT_SUPER_AMT_FREQ_CODE
Superannuation Amount	The customers superannuation gross amount for the superannuation record	CIRC.SUPER	SNDT.SUPER.GR.AMT	CIRC_SUPER_SNDT	SNDT_SUPER_GR_AMT
Superannuation Market Linked Amount	The market link gross amount Income Amount for the Superannuation record	CIRC.SUPER	SNDT.MKT.LINK.GR.AMT	CIRC_SUPER_SNDT	SNDT_MKT_LINK_GR_AMT
Customer's Tax Payment Summary Details Information					
TXGD Ben Type	The Benefit Type for the first/next Tax Payment Summary record	TXHS	TXGD.BEN.TYPE_CODE	TXHS_TXHI_TXGD	TXGD_BEN_TYPE_CODE
TXGD Start Date	The Start Date for the Tax Payment Summary	TXHS	TXGD.START.DATE	TXHS_TXHI_TXGD	TXGD_START_DATE
TXGD End Date	The End Date for the Tax Payment Summary	TXHS	TXGD.END.DATE	TXHS_TXHI_TXGD	TXGD_END_DATE
TXGD Taxable Amt	The Taxable Amount for the Payment Summary record	TXHS	TXGD.TXBL.AMT	TXHS_TXHI_TXGD	TXGD_TXBL_AMT
TXGD Non Taxable Amt	The Non Taxable Amount for the Payment Summary record	TXHS	TXGD.NON.TXBL_AMT	TXHS_TXHI_TXGD	TXGD_NON_TXBL_AMT
TXGD Number of Days	The derived count of the Number of Days between the TXGD Start Date and the TXGD End Date	TXHS	TXGD.START.DATE TXGD.END.DATE	TXHS_TXHI_TXGD	TXGD_START_DATE TXGD_END_DATE
TXGS Group ID	The Group ID of the of the Taxable Summary group	TXHS	TXGS.TAX.GRP.ID	TXHS_TXHI_TXGD	TXGS_TAX_GRP_ID
TXGS Financial Year	The Financial Year of the Taxable Summary group	TXHS	TXGS.FIN.YR	TXHS_TXHI_TXGD	TXGS_FIN_YR
TXGS Issue Type	The Issue Type of the Taxable Summary Group	TXHS	TXGS.ISSUE.TYPE	TXHS_TXHI_TXGD	TXGS_ISSUE_TYPE

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
TXGD Group ID	The Group ID of the of the Taxable Detail group	TXHS	TXGD.TAX.GRP.ID	TXHS_TXHI_TXGD	TXGD_TAX_GRP_ID
Customer's Savings, Securities, Gifts & Investments Income					
PEN Savings, Securities & Investments Income Above	The PEN customers Savings, Securities and Investments Deemed income	ISSM	DG1P.ABOVE.INC.AMT + DG1P.BELOW.INC.AMT	ISSM_SUMM_DG1P	DG1P_ABOVE_INC_AMT + DG1P_BELOW_INC_AMT
PEN Savings, Securities & Investments Income Above DOE	The PEN customers Savings, Securities and Investments Deemed income Date of Effect	ISSM	DG1P.DOE	ISSM_SUMM_DG1P	DG1P_DOE
NSS Savings, Securities & Investments Income	The NSS customers Savings, Securities and Investments Deemed income	NSSM	NSIN Image MSS.PERS.CONT.UNEARN.INC.A MT (fortnightly amount)	NSSM_NSSSUM_NSIN	NSIN Image MSS_PERS_CONT_UNEARN_INC_AMT (fortnightly amount)
NSS Savings, Securities & Investments Income Above DOE	The NSS customers Savings, Securities and Investments Deemed income Date of Effect	NSSM	NSIN.DOE	NSSM_NSSSUM_NSIN	NSIN_DOE
PGA Savings, Securities & Investments Income Above	The PGA customers Savings, Securities and Investments Deemed income	ISSM	DG1V.CLI.INC.AMT	ISSM_SUMM_DG1P	DG1V_CLI_INC_AMT
PGA Savings, Securities & Investments Income Above DOE	The PGA customers Savings, Securities and Investments Deemed income Date of Effect	ISSM	DG1V.DOE	ISSM_SUMM_DG1P	DG1V_DOE
Partner's Savings, Securities, Gifts & Investments Income					
PEN Partner Savings, Securities & Investments Income Above	The PEN Partner Savings, Securities and Investments Deemed income	ISSM	DG1P.ABOVE.INC.AMT + DG1P.BELOW.INC.AMT	ISSM_SUMM_DG1P	DG1P_ABOVE_INC_AMT + DG1P_BELOW_INC_AMT
PEN Partner Savings, Securities & Investments Income Above DOE	The PEN Partner Savings, Securities and Investments Deemed income Date of Effect	ISSM	DG1P.DOE	ISSM_SUMM_DG1P	DG1P_DOE

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
NSS Partner Savings, Securities & Investments Income Above	The NSS Partner Savings, Securities and Investments Deemed income	NSSM	NSIN Image MSS.PERS.CONT.UNEARN.INC.AMT (fortnightly amount)	NSSM_NSSSUM_NSIN	NSIN Image MSS_PERS_CONT_UNEARN_INC_AMT (fortnightly amount)
NSS Partner Savings, Securities & Investments Income Above DOE	The NSS Partner Savings, Securities and Investments Deemed income Date of Effect	NSSM	NSIN.DOE	NSSM_NSSSUM_NSIN	NSIN_DOE
PGA Partner Savings, Securities & Investments Income Above	The PGA Partner Savings, Securities and Investments Deemed income	ISSM	DG1V.CLI.INC.AMT	ISSM_SUMM_DG1P	DG1V_CLI_INC_AMT
PGA Partner Savings, Securities & Investments Income Above DOE	The PGA Partner Savings, Securities and Investments Deemed income Date of Effect	ISSM	DG1V.DOE	ISSM_SUMM_DG1P	DG1V_DOE
The customer's Real Estate & Business income					
Real Estate Income	The customer's Real Estate income	ISSM	RB1IS.EARN.INC.AMT (annual amount) + RB1IS.UNEARN.INC.AMT (annual amount)	ISSM_SUMM_RB1IS	RB1IS_EARN_INC_AMT (annual amount) + RB1IS_UNEARN_INC_AMT (annual amount)
Real Estate Income DOE	The customer's Real Estate income Date of Effect	ISSM	RB1IS.DOE	ISSM_SUMM_RB1IS	RB1IS_DOE
The Partner's Real Estate & Business income					
Partner Real Estate Income	The partner's Real Estate income	ISSM	RB1IS.EARN.INC.AMT (annual amount) + RB1IS.UNEARN.INC.AMT (annual amount)	ISSM_SUMM_RB1IS	RB1IS_EARN_INC_AMT (annual amount) + RB1IS_UNEARN_INC_AMT (annual amount)
Partner Real Estate Income DOE	The partner's Real Estate income Date of Effect	ISSM	RB1IS.DOE	ISSM_SUMM_RB1IS	RB1IS_DOE
Customer's Foreign Income					
PEN Foreign Income	The PEN customers total Foreign Income amount	ISSM	FG2P.FGN. PEN INC.AMT (annual amount)	ISSM_SUMM_FG2P	FG2P_FGN_INCPEN_AMT (annual amount)
PEN Foreign Income DOE	The PEN customers total Foreign Income amount Date of Effect	ISSM	FG2P.DOE	ISSM_SUMM_FG2P	FG2P_DOE

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
NSS Foreign Income	The customers total NSS Foreign Income amount	NSSM	NSIN Image FIN.CONT.EARN.INC.AMT + FIN.CONT.UNEARN.INC.AMT (fortnightly amount) Note: both foreign pensions and foreign income are summarised and aggregated in the above figures	NSSM_NSSSUM_NSIN	FIN_CONT_EARN_INC_AMT + FIN_CONT_UNEARN_INC_AMT
NSS Foreign Income DOE	The customers total NSS Foreign Income amount Date of Effect	NSSM	NSIN.DOE	NSSM_NSSSUM_NSIN	NSIN_DOE
PGA Foreign Income	The PGA customers total Foreign Income amount	ISSM	FG2P.FGN.PEN INC .AMT (annual amount) FG2P.DOE	ISSM_SUMM_FG2P	FG2P_FGN_INCPEN_AMT (annual amount)
PGA Foreign Income DOE	The PGA customers total Foreign Income amount Date of Effect	ISSM	FG2P.DOE	ISSM_SUMM_FG2P	FG2P_DOE
Partner's Foreign Income					
PEN Partner Foreign Income	The PEN Partner's total Foreign Income amount	ISSM	FG2P.FGN.PEN INC .AMT (annual amount)	ISSM_SUMM_FG2P	FG2P_FGN_INCPEN_AMT (annual amount)
PEN Partner Foreign Income DOE	The PEN Partner's total Foreign Income amount Date of Effect	ISSM	FG2P.DOE	ISSM_SUMM_FG2P	FG2P_DOE
NSS Partner Foreign Income	The NSS Partner's total Foreign Income amount	NSSM	NSIN Image FIN.CONT.EARN.INC.AMT + FIN.CONT.UNEARN.INC.AMT (fortnightly amount) Note: both foreign pensions and foreign income are summarised and aggregated in the above figures	NSSM_NSSSUM_NSIN	FIN_CONT_EARN_INC_AMT + FIN_CONT_UNEARN_INC_AMT
NSS Partner Foreign Income DOE	The NSS Partner's total Foreign Income amount Date of Effect	ISSM	NSIN.DOE	NSSM_NSSSUM_NSIN	NSIN_DOE
PGA Partner Foreign Income	The PGA Partner's total Foreign Income amount	ISSM	FG2P.FGN.PEN INC .AMT (annual amount)	ISSM_SUMM_FG2P	FG2P_FGN_INCPEN_AMT (annual amount)
PGA Partner Foreign Income DOE	The PGA Partner's total Foreign Income amount Date of Effect	ISSM	FG2P.DOE	ISSM_SUMM_FG2P	FG2P_DOE
Customer's Foreign Pension					

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
PEN Foreign Pension	The PEN customers total Foreign Pension amount	ISSM	FG3P.FGN.PEN.AMT (annual amount)	ISSM_SUMM_FG3P	FG3P_FGN_PEN_AMT (annual amount)
PEN Foreign Pension DOE	The PEN customers total Foreign Pension amount Date of Effect	ISSM	FG3P.DOE	ISSM_SUMM_FG3P	FG3P_DOE
NSS Foreign Pension	The NSS customers total Foreign Pension amount	NSSM	NSIN Image FIN.CONT.EARN.INC.AMT + FIN.CONT.UNEARN.INC.AMT (fortnightly amount) Note: both foreign pensions and foreign income are summarised and aggregated in the above figures	NSSM_NSSSUM_NSIN	FIN_CONT_EARN_INC_AMT + FIN_CONT_UNEARN_INC_AMT
NSS Foreign Pension DOE	The NSS customers total Foreign Pension amount Date of Effect	NSSM	NSIN.DOE	NSSM_NSSSUM_NSIN	NSIN_DOE
PGA Foreign Pension	The PGA customers total Foreign Pension amount	ISSM	FG3P.FGN.PEN.AMT (annual amount)	ISSM_SUMM_FG3P	FG3P_FGN_PEN_AMT (annual amount)
PGA Foreign Pension DOE	The PGA customers total Foreign Pension amount Date of Effect	ISSM	FG3P.DOE	ISSM_SUMM_FG3P	FG3P_DOE
Partner's Foreign Pension					
PEN Partner Foreign Pension	The PEN partners total Foreign Pension amount	ISSM	FG3P.FGN.PEN.AMT (annual amount)	ISSM_SUMM_FG3P	FG3P_FGN_PEN_AMT (annual amount)
PEN Partner Foreign Pension DOE	The PEN partners total Foreign Pension amount Date of Effect	ISSM	FG3P.DOE	ISSM_SUMM_FG3P	FG3P_DOE
NSS Partner Foreign Pension	The NSS partners total Foreign Pension amount	ISSM	NSIN Image FIN.CONT.EARN.INC.AMT + FIN.CONT.UNEARN.INC.AMT (fortnightly amount) Note: both foreign pensions and foreign income are summarised and aggregated in the above figures	NSSM_NSSSUM_NSIN	FIN_CONT_EARN_INC_AMT + FIN_CONT_UNEARN_INC_AMT
NSS Partner Foreign Pension DOE	The NSS partners total Foreign Pension amount Date of Effect	ISSM	NSIN.DOE	NSSM_NSSSUM_NSIN	NSIN_DOE

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
PGA Partner Foreign Pension	The PGA partners total Foreign Pension amount	ISSM	FG3P.FGN.PEN.AMT (annual amount)	ISSM_SUMM_FG3P	FG3P_FGN_PEN_AMT (annual amount)
PGA Partner Foreign Pension DOE	The PGA partners total Foreign Pension amount Date of Effect	ISSM	FG3P.DOE	ISSM_SUMM_FG3P	FG3P_DOE
Customer's DVA Information					
DVA income	Customer's DVA Income	CIRC.OTH.GOV.T.P YMTS	OGVD.DVA.GR.AMT	CIRC_GOVTPMT_OGVD	OGVD_DVA_GR_AMT
DVA income DOE	Customer's DVA Income Date of Effect	CIRC.OTH.GOV.T.P YMTS	OGVD.DOE	CIRC_GOVTPMT_OGVD	OGVD_DOE
DVA Payment Types	Customer's Type of Veterans Affairs Payments	CIRC.OTH.GOV.T.P YMTS	OGVI.DVA.TYPE.CODE	CIRC_GOVTPMT_OGVI	OGVI_DVA_TYPE_CODE
Cust DVA Status	The most recent DVA Status for the Customer	CIRC.OTH.GOV.T.P YMTS	OGVD.STS.CODE	CIRC_GOVTPMT_OGVI	OGVD_STS_CODE
Partner's DVA Information					
Partner DVA income	Partner's DVA Income	CIRC.OTH.GOV.T.P YMTS	OGVD.DVA.GR.AMT	CIRC_GOVTPMT_OGVD	OGVD_DVA_GR_AMT
Partner DVA income DOE	Partner's DVA Income Date of Effect	CIRC.OTH.GOV.T.P YMTS	OGVD.DOV	CIRC_GOVTPMT_OGVD	OGVD_DOE
Partner DVA Payment Types	Partner's Type of Veterans Affairs Payments	CIRC.OTH.GOV.T.P YMTS	OGVI.DVA.TYPE.CODE	CIRC_GOVTPMT_OGVI	OGVI_DVA_TYPE_CODE
Partner Cust DVA Status	The most recent DVA Status for the Partner	CIRC.OTH.GOV.T.P YMTS	OGVD.STS.CODE	CIRC_GOVTPMT_OGVI	OGVD_STS_CODE
Customer's Trust Income					
TAC Income Amount	The customer's income for a trust	ISSM	TR2P.TAC.INC AMT	ISSM_SUMM_TR2P	TR2P_TAC_INC_AMT
TAC Income DOE	The customer's income for a trust Date of Effect	ISSM	TR2P.DOE	ISSM_SUMM_TR2P	TR2P_DOE
Partner's Trust Income					
Partner TAC Income	The customer's income for a trust	ISSM	TR2P.TAC.INC AMT	ISSM_SUMM_TR2P	TR2P_TAC_INC_AMT
Partner TAC Income DOE	The customer's income for a trust Date of Effect	ISSM	TR2P.TAC.INC AMT	ISSM_SUMM_TR2P	TR2P_DOE

4.2.2 Internal data items – ISIS Reference Data

The following data is reference data used for calculating income free areas for a customer.

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name
		File Name	Field Name		
Customer's Parenting Income Free Amount					
PGA Income Free Area	The current Income Free Area for PGA Payment Types)	IS1REFRO PGA.RATES.xxxxxx xx	PGA.SINGLE.FREE.AREA AMT	REF_DATA_MULT_COL	CHILD_PK_VALUEWHERE TABLE_NAME = 'PGA_RATES_xxxxxxxx'
PGA Partner Income Free Area	The current Income Free Area for PGA Partnered customer	IS1REFRO PGA.RATES.xxxxxx xx	PGA.FREE.AREA AMT	REF_DATA_MULT_COL	CHILD_PK_VALUEWHERE TABLE_NAME = 'PGA_RATES_xxxxxxxx'
Customer's Newstart Income Free Amount					
NSS Income Free Area	The current Income Free Area for NSS Payment Types)	IS1REFRO NSS.RATES xxxxxx xx	IT.IFAA	REF_DATA_MULT_COL	CHILD_PK_VALUEWHERE TABLE_NAME = 'NSS_RATES_xxxxxxxx'
Student Income Free Amt	The current Income Free Area for Student Payment Types)	IS1REFRO NSS.RATES xxxxxx xx	YAL.IFAA	REF_DATA_MULT_COL	CHILD_PK_VALUEWHERE TABLE_NAME = 'NSS_RATES_xxxxxxxx'
YAL Jobseeker Income Free Amt	The current Income Free Area for YAL Jobseeker Payment Types)	IS1REFRO NSS.RATES xxxxxx xx	YAL.OTHER.IFAA	REF_DATA_MULT_COL	CHILD_PK_VALUEWHERE TABLE_NAME = 'NSS_RATES_xxxxxxxx'
NCP Partnered NSS Income Free Area /NCP Partnered PGA Income Free Area	The NCP Partnered Income Free Area	IS1REFRO NSS.RATES xxxxxx xx	INC.THRSHLD.PTNRD.21.PLUS	REF_DATA_MULT_COL	CHILD_PK_VALUEWHERE TABLE_NAME = 'NSS_RATES_xxxxxxxx'

5 Outputs

5.1 Fraud Management Fraud Alerts

If the Risk Score for one or more of the PAYG Detection Strategies exceeds the threshold then an Alert Item will be generated in the Fraud Management system.

No management of the alerts will occur within the Fraud Management system as part of PAYG risk assessment process, as these alerts will be automatically closed with a finding of 'No Fraud', Reason of 'Send to SIMS for further intervention'.

As the alert items are automatically closed, a PAYG Risk Selection Transaction will be created, which will then be passed to SIMS where the business will review them.

The outcomes that can be recorded for a Fraud Alert Item and the process action to be triggered for each, are:

Finding	Reason	Process Action to be triggered
No Fraud	No Proven Fraud	<ul style="list-style-type: none"> No Action
	Send to SIMS for further intervention	<ul style="list-style-type: none"> Send to SIMS
	Insufficient Resources to investigate	<ul style="list-style-type: none"> No Action
Not Investigated	Insufficient Risk to investigate	<ul style="list-style-type: none"> No Action
	No Proven Fraud	<ul style="list-style-type: none"> No Action
	Send to SIMS for further intervention	<ul style="list-style-type: none"> Send to SIMS
	No further intervention action required	<ul style="list-style-type: none"> No Action

5.2 PAYG Risk Selection Transactions

The PAYG Risk Selection transactions will be auto closed within Fraud Management and sent to SIMS (APPLICATIONS.shs.clk.hana-app.fra.apps.sims.artifacts.tables::SIMS_SELECTIONS Table) as a new risk selection transaction request.

5.2.1 Fraud Management Transaction Format

Field Name	Data Description	Value
Person Id	<ul style="list-style-type: none"> Customer's Customer Person Id (<u>DM_CUST_EVNT_0100_S3DM_CUST_EVNT_0121_S2</u> - True) AND/OR Partner ID for a partner selection (<u>DM_CUST_EVNT_0101_S3DM_CUST_EVNT_0122_S2</u> - True) 	nnnnnnnn
Alert Id	<ul style="list-style-type: none"> The Fraud Alert Id 	nnnnnn
Alert Item Id	<ul style="list-style-type: none"> The Fraud Alert Item Id 	nnnnnn
Investigation Object Type	<ul style="list-style-type: none"> Identifies the Investigation Object Type. 	'ZCUST_S02'
Investigation Object ID 1	<ul style="list-style-type: none"> Identifies the first Investigation Object Key. Value is the customer CRN for PAYG 	nnnnnnnna
Investigation Object ID 2	<ul style="list-style-type: none"> Identifies the second Investigation Object Key. Value is blank 	blank
Investigation Object ID 3	<ul style="list-style-type: none"> Identifies the third Investigation Object Key. Value is blank 	blank
Detection Object Type Code	<ul style="list-style-type: none"> Identifies the Detection Object Type. 	'ZCUST_S02'
Detection Object Id 1	<ul style="list-style-type: none"> Identifies the first Detection Object Key. Value is the external match data ID for PAYG 	nananannnnnnnnnnnnnnnnnnnn anaannnnnnnnnnnnnnnnnn
Detection Object Id 2	<ul style="list-style-type: none"> Identifies the second Detection Object Key. Value is the deceased CRN for PAYG 	blanknnnnnnnnnn
Detection Object Id 3	<ul style="list-style-type: none"> Identifies the third Detection Object Key. Value is the deceased CRN for PAYG (Parent CRN of deceased Ch Id for PAYG Ch Id Strategy) 	blanknnnnnnnnnn
Detection Object Id 4	Identifies the Detection Object Type which is currently blank	blanknnnnnnnnnn
Detection Object Id 5	Identifies the Detection Object Type which is currently blank	blanknnnnnnnnnn
Detection Strategy ID	Identifies the Detection Strategies that were executed which resulted in this transaction	'DS_PAYG_MD_001_S2' (mass detection) 'DS_PAYG_OL_001_S2' (online detection)
Action Required	<ul style="list-style-type: none"> 'SIMS' if Fraud Alert Item Outcome = <ul style="list-style-type: none"> 'No Fraud - Send to SIMS for further intervention action' 	'SIMS'
Review Outcome		blank
Review Outcome Contact Code		blank
Decision Summary		blank
Logon Id		blank
Review Type	<ul style="list-style-type: none"> 'PYG' Identifies the review as a PAYG review 	'PYG'
Review Reason	<ul style="list-style-type: none"> 'PYM' for the Customer IF TRUE result created for Method: <ul style="list-style-type: none"> <u>DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2</u> 'NCP' for the Partner if FALSE result created for Method: <ul style="list-style-type: none"> <u>DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2</u> <p>AND</p>	'PYM', 'NCP' or 'PTR'

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Field Name	Data Description	Value
	<ul style="list-style-type: none"> o TRUE result created for Method <u>DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2</u> • 'PTR' for the Partner IF TRUE result created for Method: <ul style="list-style-type: none"> o <u>DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2</u> AND o TRUE result created for Method <u>DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2</u> 	
Review Identified Date	The Current Date	YYYY-MM-DD
Review Service Reason	The matched Benefit Type for customer/ <u>partner</u>	
Review Origin		'ATO'
Review Cluster		'IRS'
Review Method	<ul style="list-style-type: none"> • IF Review Reason = 'NCP' THEN Review Method = 'MAI' • ELSE Review Method = 'ONL' 	'ONL', 'MAI'
Review Cycle	<ul style="list-style-type: none"> • IF Review Reason = 'NCP' or 'PTR' THEN Review Cycle = '000' • ELSE Review Reason = 'PYM' THEN Review Cycle = '011' 	'011' '000'
Review Risk ID		Blank
Review Rule ID		Blank
Additional Identifier	This field is not used remains as blank	Blank
Review Keyword 1	<u>This is reserved for the financial year of the PAYG data</u>	'YYYY'
Review Keyword 2		'PAYGREV'
Review Keyword 3		Derived from method: DM_CUST_EVNT_0117_S2 ('PAYGn') + DM_CUST_EVNT_0118_S2 ('O') /(DM_CUST_EVNT_0119_S2 ('M', 'H', 'VH') /(DM_CUST_EVNT_0120_S2)('L') Note: this is concatenation of PAYG methods 117 + (118/119/120)
Review Keyword 4		Derived from method: DM_CUST_EVNT_0115_S2 e.g., 'NOEARNs'
Linked CRN	<ul style="list-style-type: none"> • Partner's Person Id IF TRUE result created for Method: <ul style="list-style-type: none"> o <u>DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2</u> 	nnnnnnnna nnnnnnnna,nnnnnnnmb,
Linked Reason	<ul style="list-style-type: none"> • 'NCP' for the Partner if FALSE result created for Method: <ul style="list-style-type: none"> o <u>DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2</u> AND o TRUE result created for Method <u>DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2</u> OR	'PTR', 'NCP'

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Field Name	Data Description	Value
	<ul style="list-style-type: none"> 'PTR' for the Partner IF TRUE result created for Method: <ul style="list-style-type: none"> DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2 AND TRUE result created for Method DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2; 	
Match Data	'Amount Declared to Centrelink'	nnnnn
Match Load Date	The Current Date	YYYY-MM-DD
Match Benefit Type	The assigned Match Benefit Type for the Detection Strategy	'yyy'
Match Benefit Status	The ISIS Benefit status of the matched benefit type (eg CUR)	'xxx'
Match Type	<ul style="list-style-type: none"> 'PAYG MATCH – CUSTOMER' for the Customer IF TRUE result for Detection Method: <ul style="list-style-type: none"> DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2 'PAYG MATCH – PARTNER' for the Partner IF TRUE result for method: <ul style="list-style-type: none"> DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2 AND TRUE result created for Method DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2 'PAYG MATCH – NON CUSTOMER PARTNER' for the Partner IF FALSE result created for Detection Method: <ul style="list-style-type: none"> DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2 AND TRUE result created for Method DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2; 	'PAYG MATCH – CUSTOMER', 'PAYG MATCH – PARTNER' OR 'PAYG MATCH – NON CUSTOMER PARTNER'
Relates To	The relationship of the person for which the Risk Selection Transaction has been created to the person to the customer. <ul style="list-style-type: none"> 'CUSTOMER' if Alert Item created for: <ul style="list-style-type: none"> DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2 OR 'PARTNER' if TRUE result created for: <ul style="list-style-type: none"> DM_CUST_EVNT_100DM_CUST_EVNT_0121_S2 AND DM_CUST_EVNT_101DM_CUST_EVNT_0122_S2 	'CUSTOMER' or 'PARTNER'
Risk Type		'PYG'
Risk Score		
Risk Keyword		Derived from method: DM_CUST_EVNT_0117_S2 ('PAYGr') + DM_CUST_EVNT_0118_S2 ('O') /(DM_CUST_EVNT_0119_S2)

Field Name	Data Description	Value
		('M', 'H', 'VH') /(DM_CUST_EVNT_0120_S2)('L') <i>Note: this is concatenation of PAYG methods 117 + (118/119/120)</i>
Source Code	The Source codes of all the pieces of match data	'PYG'
Source ID	The external file Source ID that is used in conjunction with the raw row number as a unique identifier for the source of the information	blank
Match List ID	The unique identifier for the customer record that has matched against the raw data row	Person ID
Match Data ID	Derived to identify the raw data row that was matched	blank
END BLOCK OF SOURCE INFORMATION		

5.2.2 Fraud Management Alert External Data User Interface

The Fraud Management Interface for PAYG will include details from the external PAYG data ([CUST_MTCH_PYG_DATA](#)) to aid the user in identifying the PAYG person. Each row in the HANA CUST_MTCH_PYG_DATA table is a different employer and has a unique identifier MTCH_DATA_ID. The table PAYG_CUST_EVENTS is used to match a PAYG matched customer's CUST_EVENT_ID with their MTCH_DATA_ID [to ensure the correct employer data is displayed on the Match Data Tile in Fraud Management, allowing the PAYG table to be displayed in Fraud Management.](#)

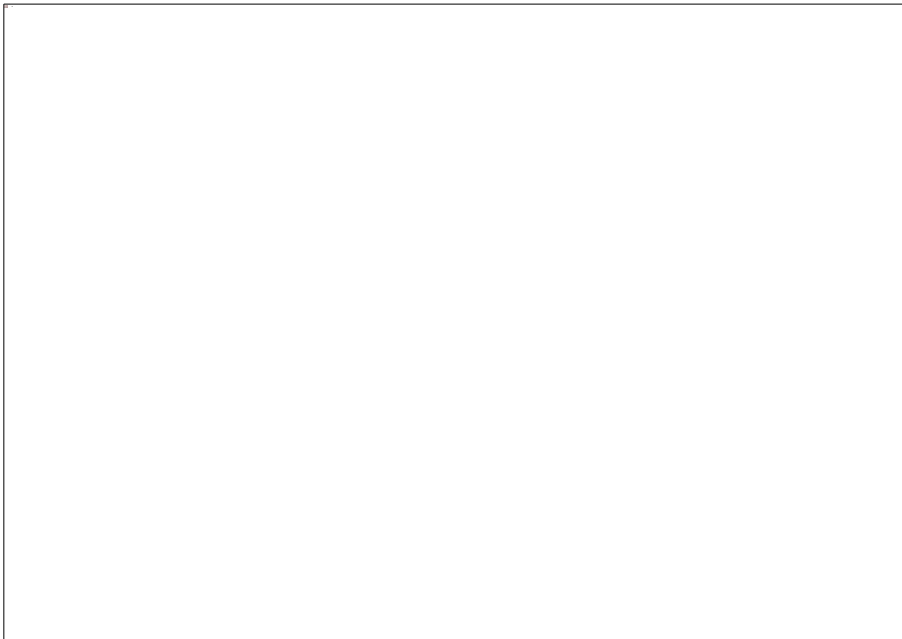
[Only the latest CUST_EVENT_ID for each MTCH_DATA_ID \(employer PAYG record\) is displayed on the PAYG Match Data Facet.](#)

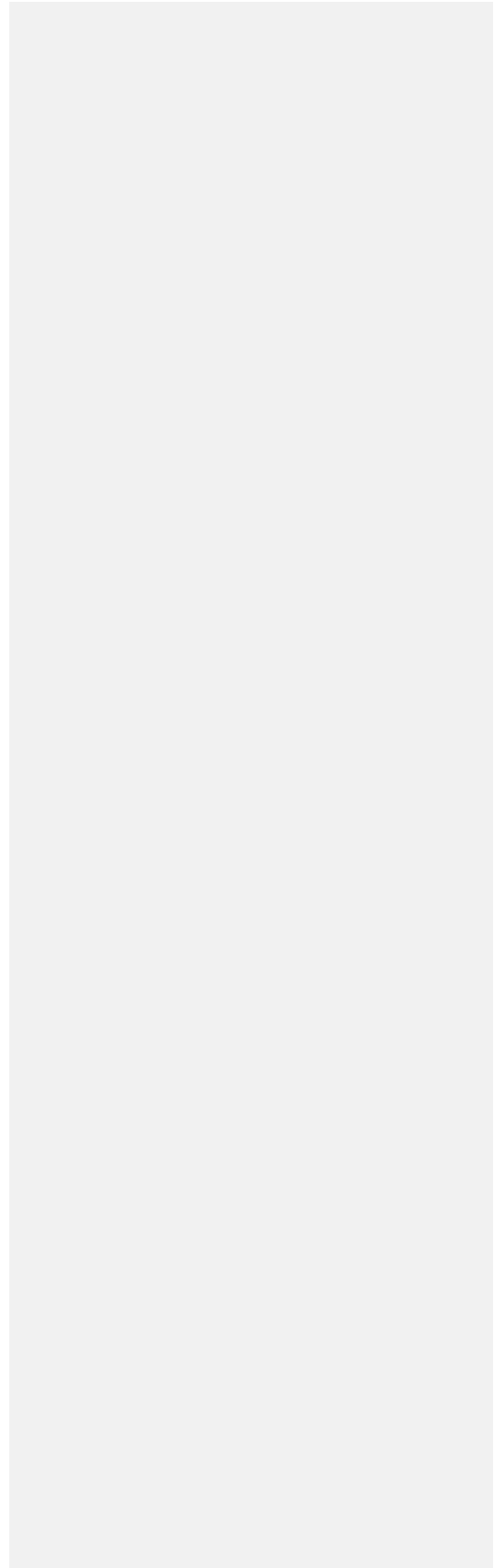
PAYG Match Details:

Fraud Management Display Text	HANA Field	HANA Table
Payee Surname	LAST_NAME	CUST_MTCH_PYG_DATA
Payee First Name	FIRST_NAME	CUST_MTCH_PYG_DATA
Payee Second Name	SECOND_NAME	CUST_MTCH_PYG_DATA
Payee Date of Birth	BIRTH_DATE_TEXT	CUST_MTCH_PYG_DATA
Sex:	GENDERANDR_CODE	CUST_MTCH_PYG_DATA
Payee Address Line 1	ADDR_LINE_1_TEXT	CUST_MTCH_PYG_DATA
Payee Address Line 2	ADDR_LINE_2_TEXT	CUST_MTCH_PYG_DATA
Payee Suburb, town or city	LCLTY_NAME	CUST_MTCH_PYG_DATA
Payee State or territory	STATE_CODE	CUST_MTCH_PYG_DATA
Payee Postcode	POSTCODE	CUST_MTCH_PYG_DATA
Payee Country Name	CTRY_NAME	CUST_MTCH_PYG_DATA
Financial Year	FIN_YR_NUM	CUST_MTCH_PYG_DATA
Payment Summary Type	PYMT_TYPE_CODE	CUST_MTCH_PYG_DATA
Payer ABN or WPN Number	PAYER_ABN_OR_WPN_TEXT	CUST_MTCH_PYG_DATA
Payer Name	PAYER_NAME	CUST_MTCH_PYG_DATA
Payer Trading Name	PAYER_TRADING_NAME	CUST_MTCH_PYG_DATA
Payer Address line 1 Text	PAYER_ADDR_LINE_1_TEXT	CUST_MTCH_PYG_DATA
Payer address line 2 text	PAYER_ADDR_LINE_2_TEXT	CUST_MTCH_PYG_DATA
Payer Suburb, town or city	PAYER_LCLTY_NAME	CUST_MTCH_PYG_DATA
Payer State or Territory	PAYER_STATE_CODE	CUST_MTCH_PYG_DATA
Payer Postcode	PAYER_POSTCODE	CUST_MTCH_PYG_DATA
Payer Country Name	PAYER_CTRY_NAME	CUST_MTCH_PYG_DATA
Payer ANZSIC Code	PAYER_ANZSIC_CODE	CUST_MTCH_PYG_DATA
Payer Contact Name	PAYER_CONTACT_NAME	CUST_MTCH_PYG_DATA
Payer Contact Phone No.	PAYER_CONTACT_PH_NUM_TEXT	CUST_MTCH_PYG_DATA
Payment Start Date	PYMT_PERIOD_START_DATE	CUST_MTCH_PYG_DATA
Payment End Date	PYMT_PERIOD_END_DATE	CUST_MTCH_PYG_DATA
Gross Payment	RAW_GR_PYMT_AMT_TEXT	CUST_MTCH_PYG_DATA
Total Tax Withheld	TOT_TAX_WITHHELD_AMT_TEXT	CUST_MTCH_PYG_DATA
Total Allowances	TOT_ALLOW_AMT_TEXT	CUST_MTCH_PYG_DATA
Lump Sum Payment A	LSUM_PYMT_A_AMT_TEXT	CUST_MTCH_PYG_DATA
CDEP	CDEP_AMT_TEXT	CUST_MTCH_PYG_DATA

Lump Sum Payment B	LSUM_PYMT_B_AMT_TEXT	CUST_MTCH_PYG_DATA
Other Income	OTH_INC_AMT_TEXT	CUST_MTCH_PYG_DATA
Lump Sum Payment D	LSUM_PYMT_D_AMT_TEXT	CUST_MTCH_PYG_DATA
Report -Fringe Benefit	REPORTABLE_FB_AMT_TEXT	CUST_MTCH_PYG_DATA
Lump Sum Payment E	LSUM_PYMT_E_AMT_TEXT	CUST_MTCH_PYG_DATA
Amount Declared to Centrelink	AMOUNT_DECLARED	SIMS_SELECTIONS_PYG

PAYG Match Details Screenshot:





5.3 Management Information

Management information will be captured for only positive selections (not for false positive selections) during the mass detection phase. The online detection will capture management information for both positive selections and false positive selections.

The following Management Information (MI) and Operational Information (OI) will be captured as part of the PAYG Risk Assessment processing:

- Date, Time, Source Code, User Logon ID and Customer CRN of each Customer Activity received;
- The number of Detection Strategy Risk Assessment checks triggered for each Customer Activity received;
- The number for each Detection Methods where the conditions were met for each Customer Activity received; and
- The number of PAYG Risk Fraud Alerts created for each Customer Activity received;
- The number and type of PAYG Risk Fraud Alert items created for each Customer Activity received.

5.3.1 Customer Activity Operational Information Table

The summary details of each Customer Activity received is stored in the AMSY_ACT_CVN table in the HANA database.

The format of the table is as follows:

Data Item	Data Description	Field Name
Person ID	The CRN (minus the Check Digit) for the Customer	PERSON_ID
Activity ID	The AMR for the Customer Activity received	ACTIVITY_ID
Activity Date	The Activity Date for the Customer Activity received	ACTIVITY_DATE
Activity Time	The Activity Time for the Customer Activity received	ACTIVITY_TIME
Activity Source	The Activity Source Code for the Customer Activity received	AC_ACTIVITY_SOURCE_CODE
Activity Group List	The list of Activity Data Groups updated in the Customer Activity received	AMDG_LIST
Activity User Logon	The User Logon ID for the person who has submitted the Customer Activity received	AC_ASSESS_USER_LOGON_ID
Activity User Region Code	The User Region Code for the person who has submitted the Customer Activity received	AC_LAST_USER_REGION_CODE
Event DTS	The Event Date and Time for the Customer Activity received	EVENT_DTS

5.3.2 Online Detection Strategy Processing Results Management Information Table

The summary details of the Detection Strategy processing results is stored in the MGMT_INFO table in the HANA database.

The format of the table is as follows:

Data Item	Data Description	Field Name	Value
Detection Object ID	The 1st Detection Object assigned.	DETECT_OBJ_ID	nananannnnnnnnnnnnnnnnnnnnnnnanaann
Detection Object ID2	The 2nd Detection Object assigned	DETECT_OBJ_ID2	Blank
Detection Object ID3	The 3rd Detection Object assigned	DETECT_OBJ_ID3	Blank
Detection Object ID4	The 4th Detection Object assigned	DETECT_OBJ_ID4	Blank
Detection Object ID5	The 5th Detection Object assigned.	DETECT_OBJ_ID5	Blank
Investigation Object Type	Investigation Object Type name applied to identify the Investigation Reason	INVEST_OBJ_TYPE	'ZCUST_S02'
Investigation Object ID	<u>CRN</u>	INVEST_OBJ_ID	<u>nnnnnnnnnaCRN</u>
Investigation Object ID2	The 2nd Investigation Object assigned. This will be the Account Number for the Payment Destination Bank Account	INVEST_OBJ_ID2	<u>Blank</u>
Investigation Object ID3	The 3rd Investigation Object assigned	INVEST_OBJ_ID3	Blank
Detection Strategy ID	The Detection Strategy ID	STRATEGY_CODE	'DS_PAYG_OL_001_S2'
Result Type	The Result Type for the MI entry, either: <ul style="list-style-type: none"> • STRATEGY if entry is for a Detection Strategy ID. or • METHOD if entry is for a Detection Method ID 	RESULT_TYPE	'STRATEGY' or 'METHOD'

Data Item	Data Description	Field Name	Value
Detection ID	The Detection ID for the MI entry. Either the Detection Strategy ID (e.g. DS_PAYG_OL_001_S2 etc.) or the Detection Method ID	DETECTION_ID	'DM_CUST_EVNT_0100_S2' 'DM_CUST_EVNT_0101_S2' 'DM_CUST_EVNT_0102_S2' 'DM_CUST_EVNT_0103_S2' 'DM_CUST_EVNT_0104_S2' 'DM_CUST_EVNT_0105_S2' 'DM_CUST_EVNT_0106_S2' 'DM_CUST_EVNT_0107_S2' 'DM_CUST_EVNT_0108_S2' 'DM_CUST_EVNT_0109_S2' 'DM_CUST_EVNT_0110_S2' 'DM_CUST_EVNT_0111_S2' 'DM_CUST_EVNT_0112_S2' 'DM_CUST_EVNT_0113_S2' 'DM_CUST_EVNT_0114_S2' 'DM_CUST_EVNT_0115_S2' 'DM_CUST_EVNT_0117_S2' 'DM_CUST_EVNT_0118_S2' 'DM_CUST_EVNT_0119_S2' 'DM_CUST_EVNT_0120_S2' 'DM_CUST_EVNT_0124_S2'
Risk Score	The Risk Score applied to the MI entry	RISK_SCORE	nnn
Alert Risk Threshold	The Threshold applied to the Detection Strategy the MI entry is for	ALERT_RISK_THRESHOLD	nnn ⁹
Alert Risk Factor	The Risk Factor level identified for the MI entry. This is the Risk Score/Alert Risk Threshold	ALERT_RISK_FACTOR	n.nn
Alert Item Indicator	The Alert Item Indicator identified for the MI entry, either: <ul style="list-style-type: none"> TRUE if an Alert Item has been generated for the Detection Strategy, or FALSE if an Alert Item has not been generated for the Detection Strategy 	ALERT_IND	'trueTRUE' or 'falseFALSE'
Event DTS	The Execution Date + Execution Time	EVENT_DTS	yyyy-mm-dd hh:mm:ssSS
<u>Strategy Version</u>	<u>The version of the Strategy</u>	<u>STRATEGY_VERSION</u>	<u>nnn</u>

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Data Item	Data Description	Field Name	Value
<u>Alert ID</u>	<u>The ID number for the Alert created in Fraud Mangement</u>	<u>ALERT_ID</u>	<u>nnnnnnnnnnnnnnnnnnnnnnnn</u>

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5.3.3 *Mass Detection Strategy Processing Results Management Information Table*

The summary details of the Mass Detection Strategy processing results ~~is stored~~ can be viewed in the MGMT_INFO table in the HANA database.

The Mass detection MI is stored in the HANA view "SYS_BIC."dhs.clk.data.models.fra/CA_FRA_MI_ALERT_ITEM"CA_FRA_MI_ALERT_ITEM

Where:

ALERT_ID = The Alert ID

DETECT_OBJ_ID = CUST EVENT ID (External Match ID)

JD = 'DS_PAYG_MD_001_S2'

5.4 Notifications

The PAYG Fraud Management will have no notifications.

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6 Event Correlation Configuration

6.1 Event trigger configuration

All Identity Matched PAYG records received as PAYG Record Match message events are to be assessed against the current Method Group configuration.

6.2 Event correlation configuration

PAYG risk selections from previous financial years (legacy selections) as well as the latest financial year will be sitting in SIMS awaiting assessment. PAYG legacy (derived from Decision Management System) selections will be imported into SIMS to allow for these to be reassessed against the current configuration. Whilst these selections await assessment any data that is changed with a Date of Effect in the relevant financial year for that selection will trigger off a reassessment of that selection through Fraud Management. This process ensures the selections are still valid given the latest updated data.

6.3 Customer Activities

The following Customer Activity Assessments may trigger an event to be assessed against the PAYG Risk Assessment Detection Strategy. Only those customer data event changes where the Date of Effect of the triggering group is within the financial year of an existing SIMS selection will trigger a reassessment for the applicable selection. If the Date of Effect is not within the financial year for the customer's SIMS selection then no triggering of the PAYG methods may occur.

- For any Customer Data Group event (see below for interested data groups):
Find any existing PAYG **PYM** selections in SIMS_SELECTIONS & SIMS_SELECTIONS_PYG for the same financial year as the input ISIS event, and where the status = NST (not started) or- FAI (failed) or- DEF (~~deferred~~) do the following:

1. If any selections are found then:
 - a. Insert these selections into SIMS_SELECTIONS_HIST table with a status of REA (reassessed). Also insert into SIMS_SELECTIONS_HIST table with a status of REA (reassessed) any linked PTR to the PERSON ID ISIS Event (linkage defined as for the same target FY using Linked CRN).
 - b. Delete these selections from the SIMS_SELECTIONS table.
 - c. Return the MATCH_DATA_ID's to ESP (for downstream output to Broker) along with PERSON ID.
2. If no selections are found then:
 - a. Insert into SIMS_SELECTIONS_HIST table with a status of REA (reassessed) any linked NCP to the PERSON ID ISIS Event (linkage defined as for the same target FY using Linked CRN).
 - b. Query the CUST_MTCH_PYG_DATA to find any PAYG matches for the same financial year as the input ISIS event, where the input (PERSON_ID, FIN_YEAR) doesn't exist in SIMS_SELECTIONS_HIST with a status of DIS (distributed) or CUL (culled) or doesn't exist in SIMS_SELECTIONS with a status of DEF (Deferred) PND (Pending) or ALC (Allocated).

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b.c. If any matches found then:

- i. Return the MATCH_DATA_ID's to ESP (for downstream output to Broker).

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The Data groups of interest are:

Event type	Data Description	Field used to determine financial year
CTDT	<u>Compensation Income Data</u>	CTDT_DOV
CUDD	<u>Customer Deceased Data</u>	CUDD DEATH_DATE
CUPT	<u>Partner Record Data</u>	CUPT_DOV
DG1P	<u>PEN Savings Securities & Investments Income</u>	DG1P_DOE
DG1V	<u>PGA Savings Securities & Investments Income</u>	DG1V DOE
DL1P	<u>Blind Information Data</u>	DL1P DOE
EADT	<u>Earnings Data Information</u>	EADT DOV
EUES	<u>Customers Student Status Data</u>	EUES DOE
FG2P	<u>Customers Foreign Income</u>	FG2P_DOE
FG3P	<u>Customers Foreign Pension</u>	FG3P_DOE
INDT	<u>Customers Other Income</u>	INDT_DOV
IPDT	<u>Customer's Income Maintenance Period Information</u>	IPDT DOR
NSDS	<u>Customer Newstart information</u>	NSDS DOE
NSIN	<u>Newstart Summary Data</u>	NSIN DOE
OGOD	<u>Customer's Other Government Payment Information</u>	OGOD DOV
OGVD	<u>Customer's DVA Information</u>	OGVD DOE
PGDS	<u>Parenting Income Payment Information</u>	PGDS_DOE
PNCR	<u>Customer's Pension Income Amount</u>	PNCR DOE
PNDS	<u>Customers Pension Benefit Information</u>	PNDS DOE
RB1IS	<u>Customer's Real Estate & Business income</u>	RB1IS DOE
RBBD	<u>Customer Business Income Information</u>	RBBD_DOE
SNDT	<u>Customer's Superannuation Income Information</u>	SNDT_DOV

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TR2P	Customer's Trust Income	TR2P DOE
	Customer's Tax Payment Summary Details Information	
TXGD		TXGD START DATE
	Customer's Tax Payment Summary Information	
TXGS		TXGS_START_DATE

6.4 SIMS Allocation (Additional ATO Transaction)

In addition to customer activity assessments, an allocation request of an existing PAYG SIMS selection will also trigger off a request to run the PAYG Fraud Management Strategies.

The existing PAYG SIMS selection will be allocated along with a possible new PAYG SIMS selection as result of new ATO data.

6.5 Detection Strategy Online Processing Event transaction

After Event Correlation has determined that Fraud Management will need to run Detection Strategies against a PAYG risk selection, it will need to send a transaction to the Fraud Management system.

The format and attributes for the event payload to trigger the PAYG Risk Assessment Detection Strategy is as follows:

Data Item	Description	Field Name	Value
Customer Event ID	A unique Customer Event ID	CUST_EVENT_ID	nananannnnnnnnnnnnnnnnnnnnnanaann
Match Data ID	A unique Customer Match ID (as a result of the Identity match between the PAYG and Centrelink Customer)	MTCH_DATA_ID	Match Data ID
Strategy Code	The Detection Strategy to be triggered – 'DS_PAYG_OL_001_S2'	DS_CODE	'DS_PAYG_OL_001_S2'
Person ID	The CRN (minus the check digit) for the customer the to be risk assessed against the Detection Strategy	DS_PERSON_ID	nnnnnnnnn
Trigger Event Person ID	The CRN (minus the check digit) for the customer the trigger event payload is for	EVENT_PERSON_ID	nnnnnnnnn
Trigger Event AMR	The AMR of the triggering Customer Activity	EVENT_AMR	nnnn
Trigger Event Date	The Date and Time the triggering Customer Activity was received	EVENT_DTS	yyyy-mm-dd hh:mm:ss sss

7 Configuration for Detection Methods

The Detection Methods used within one or more of the PAYG Matched Record Risk Assessment Detection Strategies are listed below.

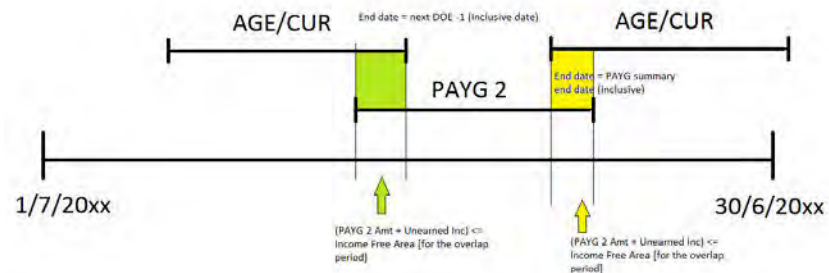
Where possible the Detection Methods are designed to be parameter based, to maximise re-use. The parameter settings for the Detection Method as it is to be applied in each Detection Strategy are then configurable from within the Detection Strategy.

The Risk Keyword Text output from the Detection Method is to record the Benefit Type value for the customer. This value is required as part of the Risk Selection that is created as part of the output from Fraud Management.

The Description Text and Evaluation Text are used to describe the risk assessment check applied by the Detection Method.

The Risk Score identifies the score to be applied if the conditions of the Detection Method are met. This may be either a positive or a negative score, depending on if the intent of the Detection Method is to identify a risk or to identify the absence of a risk.

The methods (2.10, 2.11, 2.12, 2.13, 2.14 & 2.15, 2.16 & 2.17) use different dates to calculate a period where a PAYG summary overlaps where a customer is on Benefit. Where the calculated period end date uses the PAYG summary end date as the end date, this date is included. Where the period has an end date calculated because the customer has had their benefit CANCELLED the day before the DOE of the CANCELLED benefit is considered as the end date of that respective period.



The Method Types included are:

- Customer Selection Methods – to identify if a selection is required for the customer due to a risk of non-compliance;
- Compliance Risk Rating Methods – to identify the level of risk of non-compliance for the specific event, ~~and~~

7.1 Initial configuration format

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
DM_CUST_EVNT_0124_S2_2.1 (for customer or/and partner)	<p>Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the customer or/and partner has had a Benefit Status of where the Benefit Type Code matches.</p> <p>Process: IE</p> <ul style="list-style-type: none"> • EITHER <ul style="list-style-type: none"> ◦ Benefit Status = [Benefit Status List] AND <ul style="list-style-type: none"> ◦ Benefit Type = [Benefit Type list] AND <ul style="list-style-type: none"> ◦ Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year AND <ul style="list-style-type: none"> ◦ No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year. <p>OR</p> <ul style="list-style-type: none"> ◦ Partner Person ID > 0 where Partner Person DOE <= maximum PAYG Summary Payment End Date and next Partner Person DOE >= minimum PAYG Summary Payment Start Date <p>AND</p> <ul style="list-style-type: none"> ◦ Partner Benefit Status = [Benefit Status List] <p>AND</p> <ul style="list-style-type: none"> ◦ Partner Benefit Type = [Benefit Type list] <p>AND</p> <ul style="list-style-type: none"> ◦ Partner Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p>	<ul style="list-style-type: none"> • [Benefit Status List] • [Benefit Type List] 	<ul style="list-style-type: none"> • Risk Keyword Text = N/A • Description Text = Customer and/or Partner receiving targeted payment in PAYG period • Evaluation Text = Customer and/or Partner was in receipt of targeted payment during the PAYG Payment Summary dates. FY: <Financial Year>. Risk Score = 100 	<ul style="list-style-type: none"> • Risk Keyword Text = N/A • Description Text = Customer and/or Partner on benefit in PAYG period • Evaluation Text = Customer and/or Partner was in receipt of targeted payment during the Payment Summary dates. FY: <Financial Year>. Risk Score = 100

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> No later record where Partner Benefit Status = 'CAN' and Partner Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 			
<p>DM_CUST_EVNT_0100_S2 DM_CUST_EVNT_0121_S2 2.1 (for customer)</p>	<p>Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the customer has had a Benefit Status of where the <u>Benefit Type System</u> Code matches.</p> <p>Process: IF</p> <ul style="list-style-type: none"> Benefit Status = [Benefit Status List] <p>AND</p> <ul style="list-style-type: none"> Benefit Type = [Benefit Type list] <p>AND</p> <ul style="list-style-type: none"> Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome <p><i>Note this method is strictly for output of evaluation text. Weighting will be zero.</i></p>	<ul style="list-style-type: none"> [Benefit Status List] [Benefit Type List] 	<p><u>External Data</u> PAYG Summary Payment Start Date PAYG Summary Payment End Date Financial Year</p> <p><u>Internal Data</u> Benefit Status Benefit Type Benefit DOE</p> <p><u>Derived Data</u> None</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = Customer receiving targeted payment <u>in PAYG period</u> Financial Year Evaluation Text = Customer was in receipt of targeted payment during the PAYG Payment Summary dates. FY: <Financial Year>. Benefit Details: <Matched Benefit Type >/<Matched Benefit Status> Risk Score = 100
<p>DM_CUST_EVNT_0101_S2 DM_CUST_EVNT_0122_S2 2.1 (for partner)</p>	<p>Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the partner has had a Benefit Status of where the System Code matches.</p> <p>Process: IF</p> <ul style="list-style-type: none"> Partner Person ID > 0 where Partner Person DOE <= matched maximum PAYG Summary Payment End Date and next Partner Person DOE >= minimum matched PAYG Summary Payment Start Date 	<ul style="list-style-type: none"> [Benefit Status List] [Benefit Type List] 	<p><u>External Data</u> PAYG Summary Payment Start Date PAYG Summary Payment End Date Financial Year</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = Partner receiving targeted payment <u>in PAYG period</u> Financial Year Evaluation Text = Partner Details: <Partner Person ID + Check Digit>/<Matched Benefit Type>/<Matched Benefit

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>AND</p> <ul style="list-style-type: none"> Partner Benefit Status = [Benefit Status List] <p>AND</p> <ul style="list-style-type: none"> Partner Benefit Type = [Benefit Type list] <p>AND</p> <ul style="list-style-type: none"> Partner Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> No later record where Partner Benefit Status = 'CAN' and Partner Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome <p><i>Note this method is strictly for output of evaluation text. Weighting will be zero.</i></p>		<p><u>Internal Data</u></p> <ul style="list-style-type: none"> Partner Person ID Partner Person DOE Partner Benefit Status Partner Benefit Type Partner Benefit DOE <p><u>Derived Data</u></p> <ul style="list-style-type: none"> None 	<p>Status> FY: <Financial Year>. (Note: May be repeating entries of Partner Details if more than 1 partner found).</p> <ul style="list-style-type: none"> Risk Score = 100
DM_CUST_EVNT_0102_S2 2.3	<p>Purpose: Exclude where customer is single and recorded as legally blind <u>for during the entire PAYG Payment Summary dates. Or if customer is partnered then and both customer and partner recorded as legally blind whilst partnered during the PAYG Payment Summary dates and the customer is blind for the whole PAYG period.</u></p> <p><u>Where a customer has multiple partners during the PAYG period all partners must be blind whilst partnered during the PAYG period to the customer to be excluded.</u></p> <p>Process: <u>Apply below to all partners from earliest PAYG start date to latest PAYG end Date;</u></p> <p>IF</p> <ul style="list-style-type: none"> Partner Person ID > 0 where Partner Person DOE <= Maximum PAYG Summary Payment End Date for the Financial year <p>AND</p> <ul style="list-style-type: none"> No later record where Partner Person ID = 0 AND Partner Person DOE <= minimum PAYG Summary Payment Start Date for the Financial Year 		<p><u>External Data</u></p> <ul style="list-style-type: none"> PAYG Summary Payment End Date PAYG Summary Payment End Date Financial Year <p><u>Internal Data</u></p> <ul style="list-style-type: none"> Partner Person ID Partner Person DOE Blind Indicator Blind Indicator DOE Partner Blind Indicator Partner Blind Indicator DOE <p><u>Derived Data</u></p> <ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = Customer/Partner Blindness Information If Partner Person ID > 0 where Partner Person DOE <= Partner PAYG Summary Payment End Date for the Financial year and Partner Person DOE >= minimum PAYG Summary Payment Start Date for the Financial Year <p>THEN</p> <p>Evaluation Text = Both Customer and Partner recorded as Blind during the PAYG Payment Summary dates</p> <p>ELSE</p> <p>Evaluation Text = Customer is single and</p>

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> ○ THEN IF ○ Blind Indicator = 'Y' where Blind Indicator DOE <= the minimum maximum PAYG Summary Payment Start End Date for the Financial Year AND ○ No later record where Blind Indicator = 'N' OR ' ' AND Blind Indicator DOE <= maximum minimum PAYG Summary Payment End Start Date for the Financial Year AND ○ Partner Blind Indicator = 'Y' where Partner Blind Indicator DOE <= the maximum PAYG Summary Payment End Date for the Financial Year AND ○ No later record where Partner Blind Indicator = 'N' OR ' ' AND Partner Blind Indicator DOE <= minimum PAYG Summary Payment Start Date for the Financial Year THEN ○ Set Risk Outcome ELSE (not Partnered during the PAYG Payment Summary Period) IF ○ Blind Indicator = 'Y' where Blind Indicator DOE <= the maximum minimum PAYG Summary Payment Start End Date for the Financial Year AND ○ No later record where Blind Indicator = 'N' OR ' ' AND Blind Indicator DOE <= maximum minimum PAYG Summary Payment End Start Date for the Financial Year THEN ○ Set Risk Outcome 			<ul style="list-style-type: none"> recorded as Blind during the PAYG Payment Summary dates • Risk Score = 100
DM_CUST_EVNT_0103_S2 2.4	<p>Purpose: Exclude where customer is deceased and Date of Death is more than the assigned number of days before the current date</p> <p>Process:</p>	<ul style="list-style-type: none"> • [Assigned number of days] 	<p><u>External Data</u> None</p>	<ul style="list-style-type: none"> • Risk Keyword Text = N/A • Description Text = Customer Deceased

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>IF</p> <ul style="list-style-type: none"> Date of Death + <i>[Assigned number of days]</i> < Trigger Event Date <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 		<p><u>Internal Data</u> Date of Death</p> <p><u>Derived Data</u> None</p> <p><u>Other</u> Trigger Event Date</p>	<ul style="list-style-type: none"> Evaluation Text = Customer Date of Death = Date of Death Risk Score = 100
DM_CUST_EVNT_0104125_S2 2.5	<p>Purpose: Exclude where customer has received less than the assigned minimum pension or benefit amount in Centrelink Payments for the financial year <u>and the customer has been on benefit during the PAYG period.</u></p> <p>Process: IF</p> <ul style="list-style-type: none"> <u>Benefit Status = [Benefit Status List]</u> <p>AND</p> <ul style="list-style-type: none"> <u>Benefit Type = [TXGD Benefit Type List]</u> <p>AND</p> <ul style="list-style-type: none"> <u>Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year</u> <p>AND</p> <ul style="list-style-type: none"> <u>No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year</u> <p>AND</p> <ul style="list-style-type: none"> Financial Year TXGD Amount < <i>[Assigned minimum pension or benefit amount]</i> <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 	<ul style="list-style-type: none"> <i>[TXGD Benefit Type List]</i> <i>[Assigned minimum pension or benefit amount]</i> <i>[TXGS Issue Type]</i> <i>[Benefit Status List]</i> 	<p><u>External Data</u> Financial year</p> <p><u>Internal Data</u> TXGS Group ID TXGS Financial year TXGS Issue Type</p> <p>TXGD Group ID TXGD Ben Type TXGD Taxable Amt TXGD Non Taxable Amt TXGD Start Date TXGD End Date</p> <p><u>Derived Data</u> Financial Year TXGD Amount</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = TXGD Payment Amounts less pension/benefit amount Evaluation Text = Sum of all TXGD Payment Amounts for Qualifying Benefit Types is less than $\\$<i>[Assigned minimum pension or benefit amount]</i> Risk Score = 100
DM_CUST_EVNT_0105_S2 2.6 & 2.7	<p>Purpose: Exclude matched Payment Summary records for specified Payment Types (either Eligible Termination Payment or Superannuation Payment records)</p> <p>Process: IF</p>	<ul style="list-style-type: none"> <i>[Excluded Payee Payment Type List]</i> 	<p><u>External Data</u> Payee Payment Type</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = Customer Payee Payment Type Evaluation Text = Customer's PAYG Payee

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> Payee Payment Type = [Excluded Payee Payment Type List] THEN <ul style="list-style-type: none"> Set Risk Outcome 		<u>Internal Data</u> None <u>Derived Data</u> None	Payment Type = Payee Payment Type <ul style="list-style-type: none"> Risk Score = 100
DM_CUST_EVNT_0406126_S2 2.8	<p>Purpose: Exclude matched Payment Summary records where the <u>Payee Payment Summary</u> type is one of <u>FEL</u>, INB, VOL, or LAB, <u>the customer has been on benefit during the PAYG period</u>, and the period of the Payment Summary record does not overlap any period that the customer was in receipt of payment based on the Start and End Dates found in the Tax Payment Summary Details</p> <p>Process: IF</p> <ul style="list-style-type: none"> <u>Benefit Status = [Benefit Status List]</u> AND <ul style="list-style-type: none"> <u>Benefit Type = [TXGD Benefit Type List]</u> AND <ul style="list-style-type: none"> <u>Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year</u> AND <ul style="list-style-type: none"> <u>No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year</u> AND <ul style="list-style-type: none"> Payee Payment Type = [Excluded Payee Payment Type List] AND <ul style="list-style-type: none"> No (<ul style="list-style-type: none"> TXGD record where TXGD Ben Type = [TXGD Benefit Type List] AND TXGD Start Date <= PAYG Summary Payment End Date AND TXGD End Date >= PAYG Summary Payment Start Date) THEN <ul style="list-style-type: none"> Set Risk Outcome 	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] [TXGD Benefit Type List] [Benefit Status List] 	<u>External Data</u> PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type <u>Internal Data</u> TXGD-Ben-Type TXGD Start Date TXGD End Date <u>Derived Data</u> None	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = Payment Start/End Dates cross TXGD Start/End Dates Evaluation Text = Customer's PAYG Payee Payment Type = Payee Payment Type AND Period of PAYG Summary Payment Start Date to PAYG Summary Payment End Date does not overlap with Customer Benefit/Pension period Risk Score = 100

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
DM_CUST_EVNT_0107_S2 2.9	<p><i>Note: Production TXGD Data contains illegal dates. However, code caters for this by converting date format to integers and then performing calculation.</i></p> <p>Purpose: Exclude matched Payment Summary records where the <u>Payee</u> Payment Summary type is one of <u>PSI</u>, <u>PSA</u>, <u>VOL</u>, or <u>LAB</u>, and the customer has declared business income to Centrelink after the beginning of the target financial year</p> <p>Process: IF <ul style="list-style-type: none"> Payee Payment Type = <i>[Excluded Payee Payment Type List]</i> AND <ul style="list-style-type: none"> Business DOE <= maximum PAYG Summary Payment End Date WHERE <ul style="list-style-type: none"> EITHER <ul style="list-style-type: none"> Business Source Code = 'B + Last 2 numbers of the Financial Year - 1 year' or 'B + Last 2 numbers of the Financial Year' OR <ul style="list-style-type: none"> Business Source Code = <i>[Business Source Code List]</i> AND <ul style="list-style-type: none"> EITHER <ul style="list-style-type: none"> Next Business DOE = Blank (Null) OR <ul style="list-style-type: none"> Next Business DOE > minimum PAYG Summary Payment Start Date THEN <ul style="list-style-type: none"> Set Risk Outcome </p>	<ul style="list-style-type: none"> <i>[Excluded Payee Payment Type List]</i> <i>[Business Source Code List]</i> 	<p><u>External Data</u> Financial Year PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type</p> <p><u>Internal Data</u> Business DOE Business Source Code</p> <p><u>Derived Data</u> None</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = Payee Payment Type AND Business Income declared Evaluation Text = Customer's <u>PAYG</u> Payee Payment Type and Business Income Business Source = Business Source Code, ... Risk Score = 100
DM_CUST_EVNT_0108_S2 DM_CUST_EVNT_0123_S2 2.10	<p>Purpose: Exclude-include where customer is not a Full Time Student during for all of the PAYG Payment Summary dates, received NSS or PGA during the PAYG Payment Summary dates, and is either:</p> <ul style="list-style-type: none"> Single and Payment Summary Gross Payments + unearned income + real estate income + business income Greater<u>Less</u> Than the Income Free Area (NSS/PGA) Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned 	<ul style="list-style-type: none"> <i>[NSS or PGA Benefit Status List]</i> <i>[NSS or PGA Benefit System Type list]</i> <i>[Full Time Study Benefit Type List]</i> <i>[Full Time Student Benefit Status List]</i> 	<p><u>External Data</u> Financial Year PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type Gross Payment Partner Financial Year</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = <u>Compare PAYG + unearned income to Income Free Area</u> Compare total co-earned + Fee Free Area If partnered and partner on PEN THEN

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>income + real estate income + business income Greater less Than the Income Free Area (NSS/PGA)</p> <ul style="list-style-type: none"> Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income Greater less Than the Income Free Area (NSS/PGA) <p>Process:</p> <p>IF</p> <ul style="list-style-type: none"> Benefit Status = [NSS or PGA Benefit Status List] <p>AND</p> <ul style="list-style-type: none"> Benefit Type = [NSS or PGA Benefit Type list] <p>AND</p> <ul style="list-style-type: none"> Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year <p>AND</p> <p>No occurrence where</p> <p>Benefit Type = [Full Time Study Benefit Type List]</p> <p>WHERE</p> <p>Benefit Status = [Full Time Student Benefit Status List]</p> <p>AND</p> <p>Benefit DOE <= maximum PAYG Summary Payment Start Date for the Financial Year</p> <p>AND</p> <p>No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment End Date for the Financial Year</p> <p>AND</p> <p>Student Status = [Full Time Study Status]</p> <p>WHERE</p>	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] [Full Time Study Status] [PTR PEN Benefit Status List] 	<p>Partner PAYG Summary Payment Start Date</p> <p>Partner PAYG Summary Payment End Date</p> <p>Partner Payee Payment Type</p> <p>Partner Gross Payment</p> <p><u>Internal Data</u></p> <p>Benefit Status</p> <p>Benefit Type</p> <p>Benefit DOE</p> <p>Student Status</p> <p>Student Status DOE</p> <p>Partner Person ID</p> <p>Partner Person DOE</p> <p>Partner Benefit Status</p> <p>Partner Benefit DOE</p> <p>Partner Benefit Type</p> <p>Savings Income Amount</p>	<p>Evaluation Text = Partnered NSS/PGA, Non Full Time Study Customer with PEN partner, and half of combined customer + half of partner PAYG Summary Gross Payments + half of unearned income + half of partner's unearned income amounts less greater than the NSS/PGA Free Income Area</p> <p>AND</p> <p>If partnered and partner not on PEN</p> <p>AND</p> <p>Evaluation Text = Partnered NSS/PGA, Non Full Time Study Customer with Non PEN partner, and PAYG Summary Gross Payments + unearned income amounts greater less than the NSS/PGA Free Income Area</p> <p>AND</p> <p>Evaluation Text = Single NSS/PGA, Non Full Time Study Customer and PAYG Summary Gross Payments + unearned income amounts less greater than the NSS/PGA Free Income Area</p> <ul style="list-style-type: none"> Risk Score = 100

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	<p>○ Student Status DOE <= maximum PAYG Summary Payment Start Date for the Financial Year</p> <p>AND</p> <p>● No late record where Student Status <> [Full Time Study Status] and Student Status DOE <= maximum PAYG Summary Payment End Date for the Financial Year</p> <p>AND Any of the scenarios where</p> <ul style="list-style-type: none"> ○ EACH Full Time Student = N AND NSS periods (where Cus IS single) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + NSS periods (where Cus IS single) of Total unearned income \geq NSS Single Income Free Period Sum of NSS periods (where Cus IS single) <p style="text-align: center;">OR</p> <p style="text-align: center;">AND</p> ○ Full Time Student = N AND EACH PGA periods (where Cus IS single) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + PGA periods (where Cus IS single) of Total PGA unearned income \geq PGA Single Income Free Period Sum of PGA periods (where Cus IS single) <p style="text-align: center;">OR</p> <p style="text-align: center;">AND</p> ○ Full Time Student = N AND EACH NSS periods (where Cus IS partnered – PARTNER not on PEN for PAYG period) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + NSS periods (where Cus IS partner– PARTNER not on PEN) of Total unearned NSS income \geq NSS Partner Income Free Period Sum of NSS periods (where Cus IS partner– PARTNER not on PEN) <p style="text-align: center;">OR</p> <p style="text-align: center;">AND</p> ○ Full Time Student = N AND EACH PGA periods (where Cus IS partnered – PARTNER not on PEN for PAYG period) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + PGA periods (where Cus IS partner– PARTNER not on PEN) of Total unearned PGA income \geq PGA Partner Income Free Period 		<p>Savings Income DOE</p> <p>Shares Income Amount</p> <p>Shares Income DOE</p> <p>Managed Investments Income Amount</p> <p>Managed Investments Income DOE</p> <p>Foreign Income Amount</p> <p>Foreign Income DOE</p> <p>Foreign Pension Amount</p> <p>Foreign Pension DOE</p> <p>TAC Income Amount</p> <p>TAC Income DOE</p> <p>Real Estate Income Amount</p> <p>Real Estate Income DOE</p> <p>Business Income Amount</p> <p>Business Income DOE</p> <p>Gifted Income Amount</p> <p>Gifted Income DOE</p> <p>Partner Savings Income Amount</p> <p>Partner Savings Income DOE</p> <p>Partner Shares Income Amount</p> <p>Partner Shares Income DOE</p> <p>Partner Managed Investments Income Amount</p> <p>Partner Managed Investments Income DOE</p> <p>Partner Foreign Income Amount</p>	
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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>Sum of PGA periods (where Cus IS partner– PARTNER not on PEN) <u>OR</u> AND</p> <ul style="list-style-type: none"> ○ Full Time Student = N AND EACH NSS periods (where Cus IS partnered – PARTNER ON PEN for PAYG period) for <u>half of</u> PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + half of NSS periods (where Cus IS partner– PARTNER ON PEN) of Total unearned NSS income + half of Partner Total NSS-PEN unearned income + <u>half of partner's PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year)</u> -> NSS Partner Income Free Period ○ Full Time Student = N AND EACH PGA periods (where Cus IS partnered – PARTNER ON PEN for PAYG period) for <u>half of</u> PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + half of PGA periods (where Cus IS partner– PARTNER ON PEN) of Total unearned PGA income + half of Partner Total unearned PGA-PEN income + <u>half of partner's PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year)</u> -> PGA Partner Income Free Period <p>Sum of NSS periods (where Cus IS partner– PARTNER ON PEN) AND/OR</p> <p>THEN</p> <ul style="list-style-type: none"> • Set Risk Outcome 		<p>Partner Foreign Income DOE Partner Foreign Pension Amount Partner Foreign Pension DOE Partner TAC Income Amount Partner TAC Income DOE Partner Real Estate Income Amount Partner Real Estate Income DOE Partner Business Income Amount Partner Business Income DOE</p> <p><u>Derived Data</u> PAYG Period Savings Income Amount PAYG Period Shares Income Amount PAYG Period Managed Investments Income Amount PAYG Period Foreign Income Amount PAYG Period Foreign Pension Amount PAYG Period DVA Income Amount PAYG Period TAC Income Amount PAYG Period Real Estate Income Amount</p>	

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			PAYG Period Business Income Amount PAYG Period Gifted Income Amount Partner PAYG Period Savings Income Amount Partner PAYG Period Shares Income Amount Partner PAYG Period Managed Investments Income Amount Partner PAYG Period Foreign Income Amount Partner PAYG Period Foreign Pension Amount Partner PAYG Period DVA Income Amount Partner PAYG Period TAC Income Amount Partner PAYG Period Real Estate Income Amount Partner PAYG Period Business Income Amount Partner PAYG Period Gifted Income Amount <u>Reference Data</u> NSS/PGA Income Free Area NSS/PGA Income Free Area DOE	
DM_CUST_EVNT_0116_S2 2.11	Purpose:	<ul style="list-style-type: none"> <li data-bbox="1086 1258 1265 1299">[Full Time Study Benefit Type List] 	<u>External Data</u> Financial Year	<ul style="list-style-type: none"> <li data-bbox="1518 1258 1758 1291">Risk Keyword Text = N/A

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>Exclude-Include where customer is a Full Time Student for all of during the PAYG Payment Summary dates, and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income Greater Less Than the Income Free Area (NSS Student) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income Greater Less Than the Income Free Area (NSS Student) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income Greater Less Than the Income Free Area (NSS Student) <p>Process:</p> <p>IF</p> <ul style="list-style-type: none"> o Benefit Type = [Full Time Study Benefit Type List] <p>WHERE</p> <ul style="list-style-type: none"> o Benefit Status = [Full Time Student Benefit Status List] <p>AND</p> <ul style="list-style-type: none"> o Benefit DOE <= maximum PAYG Summary Payment Start Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> o No later record where Benefit Status = 'CAN' and Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> o Student Status = [Full Time Study Status] <p>WHERE</p> <ul style="list-style-type: none"> o Student Status DOE <= maximum PAYG Summary Payment Start Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> o No later record where Student Status = [Full Time Study Status] and Student Status DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND Any of the scenarios where</p>	<ul style="list-style-type: none"> • [Full Time Student Benefit Status List] • [Excluded Payee Payment Type List] • [Full Time Study Status] • [PTR PEN Benefit Status List] 	<p>PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type Gross Payment Partner Financial Year Partner PAYG Summary Payment Start Date Partner PAYG Summary Payment End Date Partner Payee Payment Type Partner Gross Payment</p> <p><u>Internal Data</u> Benefit Status Benefit Type Benefit DOE Student Status Student Status DOE Partner Person ID Partner Person DOE Partner Benefit Status Partner Benefit DOE Partner Benefit Type Savings Income Amount</p>	<ul style="list-style-type: none"> • Description Text = Compare PAYG + unearned income to Income Free Area Compare total combined against Free Income Area • If partnered and partner on PEN THEN Evaluation Text = Partnered Full Time Student Customer with PEN partner, and half of combined customer + partner PAYG Summary Gross Payments + unearned income amounts greater less than the NSS Student Free Income Area AND If partnered and partner not on PEN THEN Evaluation Text = Partnered Full Time Student Customer with Non PEN partner, and PAYG Summary Gross Payments + unearned income amounts greater less than the NSS Student Free Income Area AND If single, Evaluation Text = Single Full Time Student Customer and PAYG

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	<ul style="list-style-type: none"> ○ EACHFull Time Student = Y AND NSS periods (where Cus IS single) for PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year) + NSS periods (where Cus IS single) of Total unearned income << > Income Free Area (NSS Student) ANDOR ○ Full Time Student = Y AND EACHPGA periods (where Cus IS single) for PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year) + PGA periods (where Cus IS single) of Total PGA unearned income >> < Income Free Area (NSS Student) ORAND ○ Full Time Student = Y AND EACHNSS periods (where Cus IS partnered – PARTNER not on PEN for PAYG period) for PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year) + NSS periods (where Cus IS partner– PARTNER not on PEN) of Total unearned NSS income >> < Income Free Area (NSS Student) ORAND ○ Full Time Student = Y AND EACHPGA periods (where Cus IS partnered – PARTNER not on PEN for PAYG period) for PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year) + PGA periods (where Cus IS partner– PARTNER not on PEN) of Total unearned PGA income >> < Income Free Area (NSS Student) ORAND ○ Full Time Student = Y AND EACHNSS periods (where Cus IS partnered – PARTNER ON PEN for PAYG period) for <u>half of</u> PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year) + half of NSS periods (where Cus IS partner– PARTNER ON PEN) of Total unearned NSS income + half of Partner Total NSS-PEN unearned income + <u>half of partner's PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year)</u> >< > Income Free Area (NSS Student) ORAND 		<p>Savings Income DOE Shares Income Amount Shares Income DOE Managed Investments Income Amount Managed Investments Income DOE Foreign Income Amount Foreign Income DOE Foreign Pension Amount Foreign Pension DOE TAC Income Amount TAC Income DOE Real Estate Income Amount Real Estate Income DOE Business Income Amount Business Income DOE Gifted Income Amount Gifted Income DOE Partner Savings Income Amount Partner Savings Income DOE Partner Shares Income Amount Partner Shares Income DOE Partner Managed Investments Income Amount Partner Managed Investments Income DOE Partner Foreign Income Amount</p> <p>Summary Gross Payments + unearned income amounts <u>greater</u> less than the NSS Student Free Income Area Income Area Income Area • Risk Score = 100</p>
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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> ○ Full Time Student = Y AND EACHPGA periods (where Cus IS partnered – PARTNER ON PEN for PAYG period) for <u>half of PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + half of PGA periods (where Cus IS partner – PARTNER ON PEN) of Total unearned PGA income + half of Partner Total unearned PEN PGA-income + half of partner's PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) ><←Income Free Area (NSS Student)</u> <p>THEN</p> <ul style="list-style-type: none"> • Set Risk Outcome <p>Note: DM_CUST_EVNT_109_S2 changed to DM_CUST_EVNT_116_due to additional parameter change</p>		<p>Partner Foreign Income DOE Partner Foreign Pension Amount Partner Foreign Pension DOE Partner TAC Income Amount Partner TAC Income DOE Partner Real Estate Income Amount Partner Real Estate Income DOE Partner Business Income Amount Partner Business Income DOE</p> <p><u>Derived Data</u> PAYG Period Savings Income Amount PAYG Period Shares Income Amount PAYG Period Managed Investments Income Amount PAYG Period Foreign Income Amount PAYG Period Foreign Pension Amount PAYG Period DVA Income Amount PAYG Period TAC Income Amount PAYG Period Real Estate Income Amount</p>	

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			PAYG Period Business Income Amount PAYG Period Gifted Income Amount Partner PAYG Period Savings Income Amount Partner PAYG Period Shares Income Amount Partner PAYG Period Managed Investments Income Amount Partner PAYG Period Foreign Income Amount Partner PAYG Period Foreign Pension Amount Partner PAYG Period DVA Income Amount Partner PAYG Period TAC Income Amount Partner PAYG Period Real Estate Income Amount Partner PAYG Period Business Income Amount Partner PAYG Period Gifted Income Amount <u>Reference Data</u> NSS Student & Austudy Income Free Area NSS Student & Austudy Income Free Area DOE	
DM_CUST_EVNT_0110_S2 2.12	Purpose:	<ul style="list-style-type: none"> [YAL Jobseeker Benefit Status List] 	<u>External Data</u> Financial Year	<ul style="list-style-type: none"> Risk Keyword Text = N/A

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>Exclude-Include where customer is not a Full Time Student during for all of the PAYG Payment Summary dates, received YAL during the PAYG Payment Summary dates and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income less Greater Than the Income Free Area (YAL Jobseeker) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income Greater less Than the Income Free Area (YAL Jobseeker) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income Greater less Than the Income Free Area (YAL Jobseeker) <p>Process:</p> <p>IF</p> <ul style="list-style-type: none"> • Benefit Type = [YAL Jobseeker Benefit Type List] <p>WHERE</p> <ul style="list-style-type: none"> • Benefit Status = [YAL Jobseeker Benefit Status List] <p>AND</p> <ul style="list-style-type: none"> • Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> • No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year <p>AND</p> <p>No occur where</p> <ul style="list-style-type: none"> • Benefit Type = [Full Time Student Benefit Type List] <p>WHERE</p> <ul style="list-style-type: none"> • Benefit Status = [Full Time Student Benefit Status List] <p>AND</p> <ul style="list-style-type: none"> • Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p>	<ul style="list-style-type: none"> • [YAL Jobseeker Benefit System list] • [Full Time Study Benefit Type List] • [Full Time Student Benefit Status List] • [Excluded Payee Payment Type List] • [Full Time Study Status] • [PTR PEN Benefit Status List] 	<p>PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type Gross Payment Partner Financial Year Partner PAYG Summary Payment Start Date Partner PAYG Summary Payment End Date Partner Payee Payment Type Partner Gross Payment</p> <p><u>Internal Data</u> Benefit Status Benefit Type Benefit DOE Student Status Student Status DOE Partner Person ID Partner Person DOE Partner Benefit Status Partner Benefit DOE Partner Benefit Type Savings Income Amount Savings Income DOE Shares Income Amount Shares Income DOE Managed Investments Income Amount Managed Investments Income DOE Foreign Income Amount Foreign Income DOE</p>	<ul style="list-style-type: none"> • Description Text = Compare PAYG + unearned income to Income Free Area Compare total compare against Free Area • If partnered and partner on PEN THEN Evaluation Text = Partnered [YAL Jobseeker Benefit Type List] Customer with PEN partner, and half of combined customer + partner PAYG Summary Gross Payments + unearned income amounts greater less than the YAL Jobseeker Free Income Area AND If partnered and partner not on PEN THEN Evaluation Text = [YAL Jobseeker Benefit Type List] Customer with Non PEN partner, and PAYG Summary Gross Payments + unearned income amounts greater less than the YAL Jobseeker Free Income Area AND Evaluation Text = Single [YAL Jobseeker Benefit Type List] Customer and

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>No later record where effective status 'CAN' should be effective DOE <= PAYG Summary Payment Effective Date for the Financial Year</p> <p>AND</p> <p>Student Status = {Full Time Study Status}</p> <p>WHERE</p> <p>Student Status DOE <= maximum PAYG Summary Payment Start Date for the Financial Year</p> <p>AND</p> <p>No later record where Student Status <= {Full Time Study Status} and Student Status DOE <= minimum PAYG Summary Payment Effective Date for the Financial Year</p> <p>AND <i>Any of the scenarios where</i></p> <p><i>Full Time Student = N AND EACH</i> NSS periods (where Cus IS single) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + NSS periods (where Cus IS single) of Total unearned income <= Income Free Area (YAL Jobseeker)</p> <p>OR</p> <p>AND</p> <p><i>Full Time Student = N AND EACH</i> PGA periods (where Cus IS single) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + PGA periods (where Cus IS single) of Total PGA unearned income <= Income Free Area (YAL Jobseeker)</p> <p>OR</p> <p>AND</p> <p><i>Full Time Student = N AND EACH</i> NSS periods (where Cus IS partnered – PARTNER not on PEN for PAYG period) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + NSS periods (where Cus IS partnered – PARTNER not on PEN) of Total unearned NSS income <= Income Free Area (YAL Jobseeker)</p> <p>OR</p> <p>AND</p> <p><i>Full Time Student = N AND EACH</i> PGA periods (where Cus IS partnered – PARTNER not on PEN for PAYG period) for PAYG</p>		<p>Foreign Pension Amount</p> <p>Foreign Pension DOE</p>	<p>PAYG Summary Gross Payments + unearned income amounts <i>greater</i> less than the YAL Jobseeker Free Income Area</p> <p>Income Area</p> <ul style="list-style-type: none"> Risk Score = 100

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	<p>summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + PGA periods (where Cus IS partner – PARTNER not on PEN) of Total unearned PGA income ><←Income Free Area (YAL Jobseeker)</p> <p><u>OR</u></p> <p>AND</p> <ul style="list-style-type: none"> o Full Time Student = N AND EACH NSS periods (where Cus IS partnered – PARTNER ON PEN for PAYG period) for <u>half of</u> PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + half of NSS periods (where Cus IS partner – PARTNER ON PEN) of Total unearned NSS income + half of Partner Total <u>PEN NSS</u> unearned income + <u>half of partner's PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year)</u> ><←Income Free Area (YAL Jobseeker)) o AND o <u>OR</u> o Full Time Student = N AND EACH PGA periods (where Cus IS partnered – PARTNER ON PEN for PAYG period) for <u>half of</u> PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + half of PGA periods (where Cus IS partner – PARTNER ON PEN) of Total unearned PGA income + half of Partner Total unearned <u>PEN PGA</u> income + <u>half of partner's PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year)</u> ><←Income Free Area (YAL Jobseeker)) <p>THEN</p> <ul style="list-style-type: none"> • Set Risk Outcome 		<p>TAC Income Amount TAC Income DOE Real Estate Income Amount Real Estate Income DOE Business Income Amount Business Income DOE Gifted Income Amount Gifted Income DOE Partner Savings Income Amount Partner Savings Income DOE Partner Shares Income Amount Partner Shares Income DOE Partner Managed Investments Income Amount Partner Managed Investments Income DOE Partner Foreign Income Amount Partner Foreign Income DOE Partner Foreign Pension Amount Partner Foreign Pension DOE Partner TAC Income Amount Partner TAC Income DOE Partner Real Estate Income Amount</p>	<p>Formatted: Indent: Left: 1.27 cm, No bullets or numbering</p> <p>Formatted: Font: Italic</p> <p>Formatted: Indent: Hanging: 0.63 cm, Bulleted + Level: 1 + Aligned at: 0.63 cm + Indent at: 1.27 cm</p>
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			Partner Real Estate Income DOE Partner Business Income Amount Partner Business Income DOE <u>Derived Data</u> PAYG Period Savings Income Amount PAYG Period Shares Income Amount PAYG Period Managed Investments Income Amount PAYG Period Foreign Income Amount PAYG Period Foreign Pension Amount PAYG Period DVA Income Amount PAYG Period TAC Income Amount PAYG Period Real Estate Income Amount PAYG Period Business Income Amount PAYG Period Gifted Income Amount Partner PAYG Period Savings Income Amount Partner PAYG Period Shares Income Amount Partner PAYG Period Managed Investments Income Amount Partner PAYG Period Foreign Income Amount	
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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			Partner PAYG Period Foreign Pension Amount Partner PAYG Period DVA Income Amount Partner PAYG Period TAC Income Amount Partner PAYG Period Real Estate Income Amount Partner PAYG Period Business Income Amount Partner PAYG Period Gifted Income Amount Reference Data YAL Jobseeker Income Free Area YAL Jobseeker Income Free Area DOE	
DM_CUST_EVNT_0111_S2 2.13, 2.14 & 2.15	<p>Purpose: Exclude<u>Include</u> where customer received PEN during the PAYG Payment Summary dates and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income Less<u>Greater</u> Than the Income Free Area (PEN Single) • Partnered during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + <u>half of</u> unearned income + <u>half of</u> real estate income + <u>half of</u> business income + half of partner's Payment Summary Gross payments + <u>half of</u> partner's unearned income + <u>half of</u> partner's real estate income + <u>half of</u> <u>half of</u> partner's business income <u>Greater</u>Less Than the Income Free Area (PEN Partnered) <p>Process: IF</p> <ul style="list-style-type: none"> • Benefit Status = <i>[PEN Benefit Status List]</i> 	<ul style="list-style-type: none"> • <i>[PEN Benefit Status List]</i> • <i>[PEN Benefit Type list]</i> • <i>[Excluded Payee Payment Type List]</i> 	<p><u>External Data</u> Financial Year PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type Gross Payment Partner Financial Year Partner PAYG Summary Payment Start Date Partner PAYG Summary Partner Payment End Date Partner Payee Payment Type Partner Gross Payment</p>	<ul style="list-style-type: none"> • Risk Keyword Text = N/A • Description Text = <u>Compare PAYG + unearned income to Income Free Area</u> Compare total income against Free Income Area Evaluation Text = If partnered and partner on PEN THEN Evaluation Text = Partnered PEN Customer, and half of combined customer + partner PAYG Summary Gross Payments + unearned income

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>AND</p> <ul style="list-style-type: none"> Benefit Type = [PEN Benefit Type list] <p>AND</p> <ul style="list-style-type: none"> Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year <p>THEN</p> <p>IF</p> <ul style="list-style-type: none"> Partner Person ID > 0 where Partner Person DOE <= maximum PAYG Summary Payment End Date for the Financial year <p>THEN</p> <ul style="list-style-type: none"> <ul style="list-style-type: none"> EACH PEN periods (where Cus IS partnered) for <u>half of</u> PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + half of PEN periods (where Cus IS partnered) of Total unearned PEN income + half of Partners PAYG summary(s) for period + half of Partner PEN Total unearned PEN income <-> PEN Partner Income Free Period Sum of PEN periods (where Cus IS partner- PARTNER ON PEN) <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome <p>ELSE-OR (not Partnered during the PAYG Payment Summary Period)</p> <p>IF</p> <ul style="list-style-type: none"> <ul style="list-style-type: none"> EACH PEN periods (where Cus IS single) for PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + PEN periods (where Cus IS single) of Total unearned income <-> PEN Single Income Free Period Sum of PEN periods (where Cus IS single) <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 		<p><u>Internal Data</u></p> <p>Benefit Status</p> <p>Benefit Type</p> <p>Benefit DOE</p> <p>Partner Person ID</p> <p>Partner Person DOE</p> <p>Partner Benefit Status</p> <p>Partner Benefit Type</p> <p>Partner Benefit DOE</p> <p>Savings Income Amount</p> <p>Savings Income DOE</p> <p>Shares Income Amount</p> <p>Shares Income DOE</p> <p>Managed Investments Income Amount</p> <p>Managed Investments Income DOE</p> <p>Foreign Income Amount</p> <p>Foreign Income DOE</p> <p>Foreign Pension Amount</p>	<p>amounts <u>greater less</u>-than the PEN Partnered Free Income Area</p> <p>AND</p> <p>If single</p> <p>Evaluation Text = Single</p> <p>PEN Customer and PAYG Summary Gross Payments + unearned income amounts <u>less-greater</u> than the PEN Single Free Income Area</p> <ul style="list-style-type: none"> Income Area Risk Score = 100

			Foreign Pension DOE TAC Income Amount TAC Income DOE Real Estate Income Amount Real Estate Income DOE Business Income Amount Business Income DOE Gifted Income Amount Gifted Income DOE Partner Savings Income Amount Partner Savings Income DOE Partner Shares Income Amount Partner Shares Income DOE Managed Investments Partner Income Amount Partner Managed Investments Income DOE Partner Foreign Income Amount Partner Foreign Income DOE Partner Foreign Pension Amount Partner Foreign Pension DOE Partner TAC Income Amount Partner TAC Income DOE Partner Real Estate Income Amount	
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			Partner Real Estate Income DOE Partner Business Income Amount Partner Business Income DOE <u>Derived Data</u> PAYG Period Savings Income Amount PAYG Period Shares Income Amount PAYG Period Managed Investments Income Amount PAYG Period Foreign Income Amount PAYG Period Foreign Pension Amount PAYG Period DVA Income Amount PAYG Period TAC Income Amount PAYG Period Real Estate Income Amount PAYG Period Business Income Amount PAYG Period Gifted Income Amount Partner PAYG Period Savings Income Amount Partner PAYG Period Shares Income Amount Partner PAYG Period Managed Investments Income Amount Partner PAYG Period Foreign Income Amount	
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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			Partner PAYG Period Foreign Pension Amount Partner PAYG Period DVA Income Amount Partner PAYG Period TAC Income Amount Partner PAYG Period Real Estate Income Amount Partner PAYG Period Business Income Amount Partner PAYG Period Gifted Income Amount <u>PEN periods (where Customer IS partnered) of Total unearned PEN income PEN periods (where Customer IS single) for PAYG summary(s)</u> <u>Reference Data</u> PEN Partnered Income Free Area PEN Partnered Income Free Area DOE PEN Single Income Free Area PEN Single Income Free Area DOE	
DM_CUST_EVNT_0112_S2 2.16 & 2.17	Purpose: Exclude-Include where a customer not on any payment (i.e. is a Non Customer Partner) for all of the PAYG Payment Summary dates, and the partner is either: <ul style="list-style-type: none"> On NSS or PGA during the PAYG Payment Summary dates and customers Payment Summary <u>Gross Payments</u> + customers unearned income + customers real estate income + customers 	<ul style="list-style-type: none"> [NSS or PGA Benefit Status List] [NSS or PGA Benefit Type list] [PEN Benefit Type List] 	<u>External Data</u> Financial Year PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = <u>Compare PAYG + unearned income to Income Free Area Compare total income against Free Income Area</u>

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>business income is Less <u>Greater</u> Than the Income Free Area (NCP & NSS/PGA)</p> <ul style="list-style-type: none"> on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross Payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income <u>Greater</u> Less Than the Income Free Area (NCP & PEN) <p>Process:</p> <p>IF</p> <ul style="list-style-type: none"> No occurrence where <ul style="list-style-type: none"> ANY OF <ul style="list-style-type: none"> Benefit Status = [NSS or PGA Benefit Status List] AND <ul style="list-style-type: none"> Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year AND <ul style="list-style-type: none"> No later record where Benefit Status = 'CAN' and Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year <p>OR <u>AND</u> No occurrence of</p> <ul style="list-style-type: none"> Benefit Status = [PEN Benefit Status List] AND <ul style="list-style-type: none"> Benefit DOE <= maximum PAYG Summary Payment Start <u>End</u> Date for the Financial Year AND <ul style="list-style-type: none"> No later record where Benefit Status = 'CAN' and Benefit DOE <= maximum <u>minimum</u> PAYG Summary Payment End <u>Start</u> Date for the Financial Year <p>AND</p> <ul style="list-style-type: none"> Partner Person ID > 0 where Partner Person DOE <= maximum PAYG Summary Payment End Date for the Financial year <p>THEN</p> <p>IF</p> <ul style="list-style-type: none"> Partner Benefit Status = [PEN Benefit Status List] <p>AND</p> 	<ul style="list-style-type: none"> [PEN Benefit Status List] [Excluded Payee Payment Type List] 	<p>Gross Payment Partner Financial Year Partner PAYG Summary Payment Start Date Partner PAYG Summary Payment End Date Partner Payee Payment Type Partner Gross Payment</p> <p><u>Internal Data</u> Benefit Status Benefit Type Benefit DOE Student Status Student Status-DOE Partner Person ID Partner Person DOE Partner Benefit Status Partner Benefit DOE Partner Benefit Type Savings Income Amount Savings Income DOE Shares Income Amount Shares Income DOE Managed Investments Income Amount Managed Investments Income DOE Foreign Income Amount Foreign Income DOE Foreign Pension Amount Foreign Pension DOE TAC Income Amount TAC Income DOE</p>	<p>Evaluation Text = If partnered and partner on PEN THEN Evaluation Text = Partnered NCP Customer with PEN partner, and combined customer + partner PAYG Summary Gross Payments + unearned income amounts <u>greater less</u> than the NCP/PEN Free Income Area AND If Partnered NCP Customer with NSS or PGA partner, and combined customer + partner PAYG Summary Gross Payments + unearned income amounts <u>greater less</u> than the NCP/NSS & PGA Free Income Area</p> <ul style="list-style-type: none"> Risk Score = 100

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> ○ Partner Benefit Type = <i>[PEN Benefit Type list]</i> AND ○ Partner Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year AND ○ No later record where Partner Benefit Status = 'CAN' and Partner Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year AND ○ EACH PEN periods for Partner half of PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year) + half of Partner Total unearned PEN income + half Customer PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year + half of NCP Customer Total unearned income (PEN Ptr) <=> PEN NCP Income Free Period Sum of PEN period THEN <ul style="list-style-type: none"> • Set Risk Outcome ELSE (Partner not on PEN during the PAYG Payment Summary Period) THEN IF ○ Partner Benefit Status = <i>[NSS or PGA Benefit Status List]</i> AND ○ Partner Benefit Type = <i>[NSS or PGA Benefit Type list]</i> AND ○ Partner Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year AND ○ No later record where Partner Benefit Status = 'CAN' and Partner Benefit DOE <= minimum PAYG Summary Payment Start Date for the Financial Year AND ○ EACH Partner's NSS periods for Customers PAYG summary(s) (where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year) + Customer Total unearned NSS income <=> NSS NCP Income Free Period Sum of NSS period <p>AND/OR</p>		Real Estate Income Amount Real Estate Income DOE	

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	<ul style="list-style-type: none"> o EACH Partner's PGA periods for Customers PAYG summary(s) (where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year) + Customer Total unearned PGA income <-> PGA NCP Income Free Period Sum of PGA period <p>THEN</p> <ul style="list-style-type: none"> o Set Risk Outcome 		<ul style="list-style-type: none"> Business Income Amount Business Income DOE Gifted Income Amount Gifted Income DOE Partner Savings Income Amount Partner Savings Income DOE Partner Shares Income Amount Partner Shares Income DOE Partner Managed Investments Income Amount Partner Managed Investments Income DOE Partner Foreign Income Amount Partner Foreign Income DOE Partner Foreign Pension Amount Partner Foreign Pension DOE Partner TAC Income Amount Partner TAC Income DOE Partner Real Estate Income Amount Partner Real Estate Income DOE Partner Business Income Amount Partner Business Income DOE 	
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			<u>Derived Data</u> PAYG Period Savings Income Amount PAYG Period Shares Income Amount PAYG Period Managed Investments Income Amount PAYG Period Foreign Income Amount PAYG Period Foreign Pension Amount PAYG Period DVA Income Amount PAYG Period TAC Income Amount PAYG Period Real Estate Income Amount PAYG Period Business Income Amount PAYG Period Gifted Income Amount Partner PAYG Period Savings Income Amount Partner PAYG Period Shares Income Amount Partner PAYG Period Managed Investments Income Amount Partner PAYG Period Foreign Income Amount Partner PAYG Period Foreign Pension Amount Partner PAYG Period DVA Income Amount Partner PAYG Period TAC Income Amount	
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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			Partner PAYG Period Real Estate Income Amount Partner PAYG Period Business Income Amount Partner PAYG Period Gifted Income Amount <u>Reference Data</u> NCP/NSS & PGA Income Free Area NCP/NSS & PGA Income Free Area DOE NCP/PEN Income Free Area NCP/PEN Income Free Area DOE	
DM_CUST_EVNT_0113_S2 2.19	<p>Purpose: Customer has Debts raised for the period of employment where debt amount is greater than 95% of the Payment Summary Gross Payments.</p> <p>Process: IF • Debt Benefit Type = [Debt Benefit Type List] AND • Debt Reason = [Debt Reason List] AND • Minimum PAYG Summary Payment Start Date for the Financial Year - [n days] <= Debt Start Date <= maximum PAYG Summary Payment End Date for the Financial + [m days] AND • Minimum PAYG Summary Payment Start Date for the Financial Year - [n days] <= Debt End Date <= maximum PAYG Summary Payment End Date for the Financial + [m days] AND</p>	<ul style="list-style-type: none"> • [Debt Benefit Type List] • [Debt Reason List] • [n days] • [m days] • [Debt Amount %] • [Excluded Payee Payment Type List] 	<u>External Data</u> Financial Year PAYG Summary Payment Start Date PAYG Summary Payment End Date Gross Payment Payee Payment Type <u>Internal Data</u> Debt Benefit Type Debt Reason Debt Start Date Debt Amount <u>Derived Data</u> None	<ul style="list-style-type: none"> • Risk Keyword Text = N/A • Description Text = Cust has Debts raised for period of employment • Evaluation Text = Customer has Debts raised for the period of employment. Debt Benefit Type /DebtReason/ = <xxx>/<yyy>, ... • Risk Score = 100

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> Sum of Debt Amount <u>[each unique Debt ID]</u> > (Sum of all (Gross Payment amounts where Payee Payment Type <> <u>[Excluded Payee Payment Type List]</u> for the Financial Year) x <u>[Debt Amount %]</u>) THEN <ul style="list-style-type: none"> Set Risk Outcome 			
DM_CUST_EVNT_0114_S2 2 20	<p>Purpose: Customer has Debts raised in the target financial year.</p> <p>Process: IF</p> <ul style="list-style-type: none"> Debt Benefit Type = <u>[Debt Benefit Type List]</u> AND <ul style="list-style-type: none"> Debt Reason = <u>[Debt Reason List]</u> AND <ul style="list-style-type: none"> 1/7/ Financial Year – 1 year <= Debt Start Date <= 30/6/Financial Year AND <ul style="list-style-type: none"> Sum of Debt Amount <u>[each unique Debt ID]</u> > (Sum of all (Gross Payment amounts where Payee Payment Type <> <u>[Excluded Payee Payment Type List]</u> for the Financial Year) x <u>[Debt Amount %]</u>) THEN <ul style="list-style-type: none"> Set Risk Outcome 	<ul style="list-style-type: none"> <u>[Debt Benefit Type List]</u> <u>[Debt Reason List]</u> <u>[Debt Amount %]</u> <u>[Excluded Payee Payment Type List]</u> 	<p><u>External Data</u> Financial Year Gross Payment <u>Payee Payment Type</u></p> <p><u>Internal Data</u> Debt Benefit Type Debt Reason Debt Start Date Debt Amount</p> <p><u>Derived Data</u> None</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = Cust has Debts raised for PAYG Financial Year Evaluation Text = Customer has Debts raised for the PAYG Financial Year. Debt Benefit Type /DebtReason = <xxx>/<yyy>, ... Risk Score = 100
DM_CUST_EVNT_0115_S2 2 21	<p>Purpose: No income from employment was declared in the target financial year.</p> <p>Process: IF</p> <ul style="list-style-type: none"> <u>No occurrence where</u> <ul style="list-style-type: none"> 1/7/Financial Year – 1 year <= Earnings DOE <= 30/6/Financial Year AND <ul style="list-style-type: none"> <u>Earnings Income Amount > 0</u> AND <ul style="list-style-type: none"> <u>No occurrence where</u> <ul style="list-style-type: none"> ALL OF <ul style="list-style-type: none"> Earnings DOE <= 30/6/Financial Year WHERE	<ul style="list-style-type: none"> <u>[Risk Rating Level]</u> 	<p><u>External Data</u> Financial Year</p> <p><u>Internal Data</u> Earnings DOE Earnings Frequency Employer ID</p> <p><u>Derived Data</u> None</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = No employment earnings declared in financial year Evaluation Text = No earnings from employment declared in the target financial year Risk Rating Keyword Level: NOEARN Risk Score = 100

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> • <u>Earnings Frequency <> 'ONE' or 'IOP'</u> <u>AND</u> • <u>Earnings Income Amount > 0</u> <u>AND</u> • <u>Next occurrence of Earnings DOE for the same Employer ID > 1/7/Financial Year - 1 year</u> <u>OR</u> • <u>Next occurrence of Earnings DOE for the same Employer ID does not exist</u> <p><u>THEN</u> <u>Set Risk Outcome</u></p> <p>IF No occurrence where the 1/7/Financial Year - 1 year < Earnings DOE < 30/6/Financial Year</p> <p>AND ALL OF Earnings DOE < 30/6/Financial Year</p> <p>WHERE Earnings Frequency <> 'ONE' or 'IOP'</p> <p>AND Next occurrence of Earnings DOE for the same Employer ID > 1/7/Financial Year - 1 year</p> <p>THEN Set Risk Outcome</p>			
<p>DM_CUST_EVNT_0117_S2 2.23, 2.24, 2.25 & 2.26</p>	<p>Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.</p> <p>Process: IF</p> <ul style="list-style-type: none"> • (TXGD Number of Days/ 365) >= [Customer received payment lower %] <p>AND</p>	<ul style="list-style-type: none"> • [TXGD Benefit Type List] • [Customer received payment lower %] • [Customer received payment higher %] • [Risk Rating Level] • [TXGS Issue Type] 	<p><u>External Data</u> Financial Year</p> <p><u>Internal Data</u> TXGS Group ID TXGS Financial year TXGS Issue Type <u>TXGS Group ID</u> TXGD Group ID TXGD Ben Type TXGD Start Date TXGD End Date</p>	<ul style="list-style-type: none"> • Risk Keyword Text = N/A • Description Text = Received payment between 2 percentages for FY • Evaluation Text = Received payment for greater than or equal to [Customer received payment lower %]% and less than or equal to [Customer received

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<ul style="list-style-type: none"> (TXGD Number of Days/ 365) <= [Customer received payment higher %] <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 		<p><u>Derived Data</u></p> <p>TXGD Number of Days</p>	<p>payment higher % of the Financial Year. Risk Rating Keyword Level: [Risk Rating Level]</p> <ul style="list-style-type: none"> Risk Score = 100 <p>The Keywords needed for 2.32 by including Risk Rating Level keywords in the Evaluation text – that the BADI can then concatenate and include as a keyword in the output transaction. For this method the Risk Rating Level should be one of 'PAYG1' (if % thresholds >=96), 'PAYG2' (if % thresholds >= 70 & <= 95), 'PAYG3' (if % thresholds >= 50 & <= 69) or 'PAYG4' (if threshold >= 0 & <= 49)</p>
<p>DM_CUST_EVNT_0118_S2 2.27</p>	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than a specified amount.</p> <p>Process: IF</p> <ul style="list-style-type: none"> Sum of all (Gross Payment amounts where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year and PAYG Summary Payment Start Date <= TXGD End Date and PAYG Summary Payment End Date >= TXGD Start Date where TXGD Ben Type = [TXGD Benefit Type List]) x (TXGD Number of Days/ 365) > Sum of all (Financial Year Compensation Income Amount + Financial Year Earnings Income Amount + Financial Year Income Maintenance Period Income Amount + Financial Year Other Government Payments Income Amount + Financial Year Other Income Amount + Financial Year Superannuation Income Amount) + [Income Discrepancy Amount] 	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] [TXGD Benefit Type List] [Income Maintenance Period Income Type List] [Other Income Type List] [Income Discrepancy Amount] [Risk Rating Level] [TXGS Issue Type] 	<p><u>External Data</u></p> <p>Financial year PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type Gross Payment</p> <p><u>Internal Data</u></p> <p>TXGS Group ID TXGS Financial year TXGS Issue Type <u>TXGS Group ID</u> TXGD Group ID TXGD Ben Type TXGD Start Date TXGD End Date</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = ATO and Centrelink Income Difference at risk Evaluation Text = Discrepancy between Total ATO Income amount and Centrelink Income is greater than \$[Income Discrepancy Amount]. Risk Rating Keyword Level: [Risk Rating Level] Amount Declared to Centrelink: [Sum of all (Financial Year Compensation Income Amount + Financial Year Earnings Income Amount

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 		<p>Compensation Income Amount Compensation Income DOE Compensation Income Frequency Earnings Income Amount Earnings Income DOE Earnings Income Frequency Income Maintenance Period Income Amount Income Maintenance Period Income DOR Income Maintenance Period Income Type Other Government Payments Income Amount Other Government Payments Income DOE Other Government Payments Income Frequency Other Income Amount Other Income DOE Other Income Frequency Other Income Type Superannuation Income Amount Superannuation Market Linked Amount Superannuation Income DOE Superannuation Income Frequency</p>	<p>+ Financial Year Income Maintenance Period Income Amount + Financial Year Other Government Payments Income Amount + Financial Year Other Income Amount + Financial Year Superannuation Income Amount])</p> <ul style="list-style-type: none"> Risk Score = 100 <p><i>The Keywords needed for 2.32 by including Risk Rating Level keywords in the Evaluation text – that the BADI can then concatenate and include as a keyword in the output transaction. For this method the Risk Rating Level should be '0'</i></p> <p><i>Amount Declared is rounded down to nearest dollar.</i></p>

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			<p><u>Data</u> Financial Year Compensation Income Amount Financial Year Earnings Income Amount Financial Year Income Maintenance Period Income Amount Financial Year Other Government Payments Income Amount Financial Year Other Income Amount Financial Year Superannuation Income Amount TXGD Number of Days</p> <p><u>Reference Data</u> Income Discrepancy Amount</p>	
<p>DM_CUST_EVNT_0119_S2 2.28, 2.29 & 2.30</p>	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than or equal to a specified amount and less than or equal to another specified amount.</p> <p>Process: IF</p> <ul style="list-style-type: none"> Sum of all (Gross Payment amounts where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year and PAYG Summary Payment Start Date <= TXGD End Date and PAYG Summary Payment End Date >= TXGD Start Date where TXGD Ben Type = [TXGD Benefit Type List] x (TXGD Number of Days/ 365) >= Sum of all (Financial Year Compensation Income Amount + Financial Year Earnings Income Amount + Financial Year Income 	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] [TXGD Benefit Type List] 	<p><u>External Data</u> Financial year PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type Gross Payment</p> <p><u>Internal Data</u> TXGS Group ID TXGS Financial year TXGS Issue Type TXGS Group ID TXGD Group ID</p>	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = ATO and Centrelink Income Difference at risk Evaluation Text = Discrepancy between Total ATO Income amount and Centrelink Income is greater than \$[Income Discrepancy Higher Amount] but less than \$[Income Discrepancy Lower Amount]. Risk Rating Keyword Level: [Risk Rating Level]

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>Maintenance Period Income Amount + Financial Year Other Government Payments Income Amount + Financial Year Other Income Amount + Financial Year Superannuation Income Amount) + <i>[Income Discrepancy Lower Amount]</i></p> <p>AND</p> <ul style="list-style-type: none"> Sum of all (Gross Payment amounts where Payee Payment Type <> <i>[Excluded Payee Payment Type List]</i> for the Financial Year and PAYG Summary Payment Start Date <= TXGD End Date and PAYG Summary Payment End Date >= TXGD Start Date where TXGD Ben Type = <i>[TXGD Benefit Type List]</i>) x (TXGD Number of Days/ 365) <= <p>Sum of all (Financial Year Compensation Income Amount + Financial Year Earnings Income Amount + Financial Year Income Maintenance Period Income Amount + Financial Year Other Government Payments Income Amount + Financial Year Other Income Amount + Financial Year Superannuation Income Amount) + <i>[Income Discrepancy Higher Amount]</i></p> <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 	<ul style="list-style-type: none"> <i>[Income Maintenance Period Income Type List]</i> <i>[Other Income Type List]</i> <i>[Income Discrepancy Higher Amount]</i> <i>[Income Discrepancy Lower Amount]</i> <i>[Risk Rating Level]</i> <i>[TXGS Issue Type]</i> 	<p>TXGD Ben Type TXGD Start Date TXGD End Date Compensation Income Amount Compensation Income DOE Compensation Income Frequency Earnings Income Amount Earnings Income DOE Earnings Income Frequency Income Maintenance Period Income Amount Income Maintenance Period Income DOE Income Maintenance Period Income Frequency Income Maintenance Period Income Type Other Government Payments Income Amount Other Government Payments Income DOE Other Government Payments Income Frequency Other Income Amount Other Income DOE Other Income Frequency Other Income Type Superannuation Income Amount</p>	<p>Amount Declared to Centrelink: [Sum of all (Financial Year Compensation Income Amount + Financial Year Earnings Income Amount + Financial Year Income Maintenance Period Income Amount + Financial Year Other Government Payments Income Amount + Financial Year Other Income Amount + Financial Year Superannuation Income Amount)]</p> <ul style="list-style-type: none"> Risk Score = 100 <p><i>The Keywords needed for 2.32 by including Risk Rating Level keywords in the Evaluation text – that the BADI can then concatenate and include as a keyword in the output transaction. For this method the Risk Rating Level should be either 'M' (if Discrepancy >= \$50,001.00 & < \$500,000.00), 'VH' (if Discrepancy >= \$10,001.00 & < \$50,001.00), or 'H' (if % thresholds >= \$5,001.00 & < \$10,001.00)</i> <u>Amount Declared is rounded down to nearest dollar.</u></p>

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			Superannuation Income DOE Superannuation Income Frequency <u>Derived Data</u> Financial Year Compensation Income Amount Financial Year Earnings Income Amount Financial Year Income Maintenance Period Income Amount Financial Year Other Government Payments Income Amount Financial Year Other Income Amount Financial Year Superannuation Income Amount TXGD Number of Days	
DM_CUST_EVNT_0120_S2 2.31	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is less than a specified amount.</p> <p>Process: IF</p> <ul style="list-style-type: none"> Sum of all (Gross Payment amounts where Payee Payment Type <> [Excluded Payee Payment Type List] for the Financial Year and PAYG Summary Payment Start Date <= TXGD End Date and PAYG Summary Payment End Date >= TXGD Start Date where TXGD Ben Type = [TXGD Benefit Type List]) x (TXGD Number of Days/ 365) < Sum of all (Financial Year Compensation Income Amount + Financial Year Earnings Income Amount + Financial Year Income Maintenance Period Income Amount + Financial Year Other 	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] [TXGD Benefit Type List] [Income Maintenance Period Income Type List] [Other Income Type List] [Income Discrepancy Amount] [Risk Rating Level] [TXGS Issue Type] 	<u>External Data</u> Financial year PAYG Summary Payment Start Date PAYG Summary Payment End Date Payee Payment Type Gross Payment <u>Internal Data</u> TXGS Group ID TXGS Financial year TXGS Issue Type TXGS Group ID TXGD Group ID	<ul style="list-style-type: none"> Risk Keyword Text = N/A Description Text = ATO and Centrelink Income Difference at risk Evaluation Text = Discrepancy between Total ATO Income amount and Centrelink Income is less than \$(Income Discrepancy Amount). Risk Rating Keyword Level: [Risk Rating Level] Amount Declared to Centrelink: [Sum of al (Financial Year

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Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
	<p>Government Payments Income Amount + Financial Year Other Income Amount + Financial Year Superannuation Income Amount) + [Income Discrepancy Amount]</p> <p>THEN</p> <ul style="list-style-type: none"> Set Risk Outcome 		<p>TXGD Ben Type TXGD Start Date TXGD End Date Compensation Income Amount Compensation Income DOE Compensation Income Frequency Earnings Income Amount Earnings Income DOE Earnings Income Frequency Income Maintenance Period Income Amount Income Maintenance Period Income DOE Income Maintenance Period Income Frequency Income Maintenance Period Income Type Other Government Payments Income Amount Other Government Payments Income DOE Other Government Payments Income Frequency Other Income Amount Other Income DOE Other Income Frequency Other Income Type Superannuation Income Amount</p>	<p>Compensation Income Amount + Financial Year Earnings Income Amount + Financial Year Income Maintenance Period Income Amount + Financial Year Other Government Payments Income Amount + Financial Year Other Income Amount + Financial Year Superannuation Income Amount])</p> <ul style="list-style-type: none"> Risk Score = 100 <p><i>The Keywords needed for 2.32 by including Risk Rating Level keywords in the Evaluation text – that the BADI can then concatenate and include as a keyword in the output transaction. For this method the Risk Rating Level should be 'L'</i></p> <p><u>Amount Declared is rounded down to nearest dollar.</u></p>

Detection Method ID	Detection Method Description	Detection Method Parameters	Data Sources	Detection Method Risk Outcome
			Superannuation Income DOE Superannuation Income Frequency <u>Derived Data</u> Financial Year Compensation Income Amount Financial Year Earnings Income Amount Financial Year Income Maintenance Period Income Amount Financial Year Other Government Payments Income Amount Financial Year Other Income Amount Financial Year Superannuation Income Amount TXGD Number of Days	

7.2 Derived Data Calculation

Derived data calculations are necessary for the processing of PAYG Assessment data. The following rules will be implemented as stored procedures in HANA, and will be called from within detection methods. For the sake of performance, the results should be cached in case the detection methods need to call a given derived data item more than once.

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
NSS Single Start Date NSS Single End Date	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE <p>Output:</p> <p>Calculation NSS Single Start Date and NSS Single End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID = 0, Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit System = 'NSS', Benefit Satus = 'CUR', NSS Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Savings Income DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status = 'CUR' AND Benefit DOE <= Minimum PAYG Summary Start Date THEN NSS Start Date = Minimum PAYG Summary Start Date ELSE NSS Start Date = Benefit DOE 3. IF Next Consecutive NSS Record, Benefit Status = 'CAN' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date THEN NSS End Date = Next Consecutive NSS Record, Benefit DOE ELSE NSS End Date = Maximum PAYG Summary End Date <u>+ 1</u> 4. Loop through to Next Consecutive NSS Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consecutive NSS Single Start Date, NSS Single End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
PGA Single Start Date PGA Single End Date	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE <p>Output:</p> <p>Calculation PGA Single Start Date and PGA Single End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID = 0, Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit System = 'PGA', Benefit Satus = 'CUR', PGA Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Savings Income DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status = 'CUR' AND Benefit DOE <= Minimum PAYG Summary Start Date THEN PGA Start Date = Minimum PAYG Summary Start Date ELSE PGA Start Date = Benefit DOE 3. IF Next Consecutive PGA Record, Benefit Status = 'CAN' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date THEN PGA End Date = Next Consecutive PGA Record, Benefit DOE ELSE PGA End Date = Maximum PAYG Summary End Date <u>+1</u> 4. Loop through to Next Consecutive PGA Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consective PGA Single Start Date, PGA Single End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p><u>PEN Single Start Date</u> <u>PEN Single End Date</u></p>	<p><u>Input:</u></p> <p><u>Benefit Type</u> <u>Benefit Status</u> <u>Benefit DOE</u> <u>Partner Person ID</u> <u>Partner Person DOE</u></p> <p><u>Output:</u></p> <p><u>Calculation PEN Single Start Date and PEN Single End Date</u></p> <ol style="list-style-type: none"> <u>1. Identify each day where Partner Person ID = 0 .Partner Person DOE <= maximum PAYG Summary Payment Date .Benefit System = 'PEN' .Benefit Satus = 'CUR' .PEN Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next PEN Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year</u> <u>2. IF Benefit Status = 'CUR' AND Benefit DOE =< Minimum PAYG Summary Start Date THEN PEN Start Date = Minimum PAYG Summary Start Date ELSE PEN Start Date = Benefit DOE</u> <u>3. IF Next Consecutive PEN Record .Benefit Status = 'CAN' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date THEN PEN End Date = Next Consecutive PEN Record .Benefit DOE ELSE PEN End Date = Maximum PAYG Summary End Date + 1</u> <u>4. Loop through to Next Consecutive PEN Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date</u> <u>5. Repeat Steps 1 to 3 to find any consective PEN Single Start Date, PEN Single End Date</u>

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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PEN Partnered Start Date PEN Partnered End Date</p>	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System <i>[PTR PEN Benefit Status List]</i> <p>Output: Calculation PEN Partnered Start Date and PEN Partnered End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID > 0, AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit System = 'PEN', Benefit Satus = <i>[PTR PEN Benefit Status List]</i>, PEN Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status = 'CUR' AND Benefit DOE <= Minimum PAYG Summary Start Date THEN PEN Partnered Start Date = Minimum PAYG Summary Start Date ELSE PEN Partnered Start Date = Benefit DOE 3. IF Next Consecutive PEN Record, Benefit Status = 'CAN' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date THEN PEN Partnered End Date = Next Consecutive NSS Record, Benefit DOE ELSE PEN Partnered End Date = Maximum PAYG Summary End Date <u>+1</u> 4. Loop through to Next Consecutive NSS Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consecutive PEN Partnered Start Date, PEN Partnered End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
NSS Partnered (Partner NOT PEN) Start Date NSS Partnered (Partner NOT PEN) End Date	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System <p>Output:</p> <p>Calculation NSS Partnered (Partner NOT PEN) Start Date and NSS Partnered (Partner NOT PEN) End Date</p> <ol style="list-style-type: none"> 6. Identify each day where Partner Person ID > 0, Partner Benefit System <> 'PEN' AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit System = 'NSS', Benefit Satus = 'CUR', NSS Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 7. IF Benefit Status = 'CUR' AND Benefit DOE <= Minimum PAYG Summary Start Date THEN NSS Partnered (Partner NOT PEN) Start Date = Minimum PAYG Summary Start Date ELSE NSS Partnered (Partner NOT PEN) Start Date = Benefit DOE 8. IF Next Consecutive NSS Record, Benefit Status = 'CAN' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date THEN NSS Partnered (Partner NOT PEN) End Date = Next Consecutive NSS Record, Benefit DOE ELSE NSS Partnered (Partner NOT PEN) End Date = Maximum PAYG Summary End Date <u>+ 1</u> 9. Loop through to Next Consecutive NSS Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date 10. Repeat Steps 1 to 3 to find any consecutive NSS Partnered (Partner NOT PEN) Start Date, NSS Partnered (Partner NOT PEN) End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
PGA Partnered (Partner NOT PEN) Start Date PGA Partnered (Partner NOT PEN) End Date	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System <p>Output:</p> <p>Calculation PGA Partnered (Partner NOT PEN) Start Date and PGA Partnered (Partner NOT PEN) End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID > 0, Partner Benefit System <> 'PEN' AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit System = 'PGA', Benefit Satus = 'CUR', PGA Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status = 'CUR' AND Benefit DOE <= Minimum PAYG Summary Start Date THEN PGA Partnered (Partner NOT PEN) Start Date = Minimum PAYG Summary Start Date ELSE PGA Partnered (Partner NOT PEN) Start Date = Benefit DOE 3. IF Next Consecutive PGA Record, Benefit Status = 'CAN' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date THEN PGA Partnered (Partner NOT PEN) End Date = Next Consecutive PGA Record, Benefit DOE ELSE PGA Partnered (Partner NOT PEN) End Date = Maximum PAYG Summary End Date <u>+ 1</u> 4. Loop through to Next Consecutive PGA Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE <= Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consective PGA Partnered (Partner NOT PEN) Start Date, PGA Partnered (Partner NOT PEN) End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
NSS Partnered (Partner ON PEN) Start Date NSS Partnered (Partner ON PEN) End Date	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System Partner Benefit Status <i>[PTR PEN Benefit Status List]</i> <p>Output:</p> <p>Calculation NSS Partnered (Partner ON PEN) Start Date and NSS Partnered (Partner ON PEN) End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID > 0, Partner Benefit System = 'PEN', Partner Benefit Status = <i>[PTR PRN Benefit Status List]</i> AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit System = 'NSS', Benefit Satus = 'CUR', NSS Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status = 'CUR' AND Benefit DOE =< Minimum PAYG Summary Start Date THEN NSS Partnered (Partner ON PEN) Start Date = Minimum PAYG Summary Start Date ELSE NSS Partnered (Partner ON PEN) Start Date = Benefit DOE 3. IF Next Consecutive NSS Record, Benefit Status = 'CAN' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date THEN NSS Partnered (Partner ON PEN) End Date = Next Consecutive NSS Record, Benefit DOE ELSE NSS Partnered (Partner ON PEN) End Date = Maximum PAYG Summary End Date <u>+ 1</u> 4. Loop through to Next Consecutive NSS Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consecutive NSS Partnered (Partner ON PEN) Start Date, NSS Partnered (Partner ON PEN) End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
PGA Partnered (Partner ON PEN) Start Date PGA Partnered (Partner ON PEN) End Date	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System Partner Benefit Status <i>[PTR PEN Benefit Status List</i> <p>Output:</p> <p>Calculation PGA Partnered (Partner ON PEN) Start Date and PGA Partnered (Partner ON PEN) End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID > 0, Partner Benefit System = 'PEN', Partner Benefit Status = <i>[PTR PRN Benefit Status List]</i> AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit System = 'PGA', Benefit Satus = 'CUR', PGA Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status = 'CUR' AND Benefit DOE =< Minimum PAYG Summary Start Date THEN PGA Partnered (Partner ON PEN) Start Date = Minimum PAYG Summary Start Date ELSE PGA Partnered (Partner ON PEN) Start Date = Benefit DOE 3. IF Next Consecutive PGA Record, Benefit Status = 'CAN' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date THEN PGA Partnered (Partner ON PEN) End Date = Next Consecutive PGA Record, Benefit DOE ELSE PGA Partnered (Partner ON PEN) End Date = Maximum PAYG Summary End Date <u>+1</u> 4. Loop through to Next Consecutive PGA Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consective PGA Partnered (Partner ON PEN) Start Date, PGA Partnered (Partner ON PEN) End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NCP With NSS Partner Start Date</p> <p>NCP With NSS Partner End Date</p>	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System <p>Output:</p> <p>Calculation NCP with NSS Partnered NCP With NSS Partner Start Date, NCP With NSS Partner End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID > 0, Partner Benefit System = 'NSS' AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit Satus <> 'CUR', NSS Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status <> 'CUR' AND Benefit DOE =< Minimum PAYG Summary Start Date THEN NCP With NSS Partner Start Date = Minimum PAYG Summary Start Date ELSE NCP With NSS Partner Start Date = Benefit DOE 3. IF Next Consecutive NSS Record, Benefit Status = 'CAN' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date THEN NCP With NSS Partner End Date = Next Consecutive NSS Record, Benefit DOE ELSE NCP With NSS Partner End Date = Maximum PAYG Summary End Date <u>+ 1</u> 4. Loop through to Next Consecutive NSS Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consecutive NCP With NSS Partner Start Date, NCP With NSS Partner End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NCP With PGA Partner Start Date</p> <p>NCP With PGA Partner End Date</p>	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System <p>Output:</p> <p>Calculation NCP with PGA Partnered NCP With PGA Partner Start Date, NCP With PGA Partner End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID > 0, Partner Benefit System = 'PGA' AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit Satus <> 'CUR', PGA Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status <> 'CUR' AND Benefit DOE =< Minimum PAYG Summary Start Date THEN NCP With PGA Partner Start Date = Minimum PAYG Summary Start Date ELSE NCP With PGA Partner Start Date = Benefit DOE 3. IF Next Consecutive PGA Record, Benefit Status = 'CAN' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date THEN NCP With PGA Partner End Date = Next Consecutive PGA Record, Benefit DOE ELSE NCP With PGA Partner End Date = Maximum PAYG Summary End Date <u>+ 1</u> 4. Loop through to Next Consecutive PGA Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consecutive NCP With PGA Partner Start Date, NCP With PGA Partner End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NCP With PEN Partner Start Date</p> <p>NCP With PEN Partner End Date</p>	<p>Input:</p> <ul style="list-style-type: none"> Benefit Type Benefit Status Benefit DOE Partner Person ID Partner Person DOE Partner Benefit System <p>Output:</p> <p>Calculation NCP with PEN Partnered NCP With PEN Partner Start Date, NCP With PEN Partner End Date</p> <ol style="list-style-type: none"> 1. Identify each day where Partner Person ID > 0, Partner Benefit System = 'PEN' AND Partner Person DOE <= maximum PAYG Summary Payment Date, Benefit Satus <> 'CUR', PEN Benefit DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Benefit DOE > minimum PAYG Summary Payment Start Date for the Financial Year 2. IF Benefit Status <> 'CUR' AND Benefit DOE =< Minimum PAYG Summary Start Date THEN NCP With PEN Partner Start Date = Minimum PAYG Summary Start Date ELSE NCP With PEN Partner Start Date = Benefit DOE 3. IF Next Consecutive PEN Record, Benefit Status = 'CAN' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date THEN NCP With PEN Partner End Date = Next Consecutive PEN Record, Benefit DOE ELSE NCP With PEN Partner End Date = Maximum PAYG Summary End Date <u>+ 1</u> 4. Loop through to Next Consecutive PEN Record, WHERE Benefit Status = 'CUR' AND Benefit Benefit DOE =< Maximum PAYG Summary End Date 5. Repeat Steps 1 to 3 to find any consecutive NCP With PEN Partner Start Date, NCP With PEN Partner End Date

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NSS Single Income Free Period Sum of NSS periods (where Cus IS single)</p>	<p>Input: NSS Single Start Date NSS Single End Date NSS Income Free Area Person ID</p> <p>Output: Calculation of NSS Single Income Free Period Sum of NSS periods (where Cus IS single):</p> <ol style="list-style-type: none"> Days Cnt = NSS Single End Date - NSS Single Start Date <p>NSS Single Income Free Period Sum of NSS periods (where Cus IS single) = Days Cnt* NSS Income Free Area/14</p> <p><u>Where NSS Income Free Area is the latest for the Prorata Period</u></p>
<p>Income Free Area (NSS Student)</p>	<p>Input: Student Income Free Amt Person ID Pro Rata Period Start Date Pro Rata Period End Date</p> <p>Output: Calculation of Income Free Area (NSS Student):</p> <ol style="list-style-type: none"> Days Cnt = Pro Rata Period End Date - Pro Rata Period Start Date <p>Income Free Area (NSS Student) = Days Cnt* Student Income Free Amt /14</p> <p><u>Where Student Income Free Amt is the latest for the Prorata Period</u></p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>Income Free Area (YAL Jobseeker)</p>	<p>Input: YAL Jobseeker Income Free Amt Person ID Pro Rata Period Start Date Pro Rata Period End Date</p> <p>Output: Calculation of Income Free Area (YAL Jobseeker): 2. Days Cnt = Pro Rata Period End Date - Pro Rata Period Start Date</p> <p>Income Free Area (YAL Jobseeker) = Days Cnt* YAL Jobseeker Income Free Amt /14</p> <p><u>Where YAL Jobseeker Income Free Amt is the latest for the Prorata Period</u></p>
<p>PGA Single Income Free Period Sum of PGA periods (where Cus IS single)</p>	<p>Input: PGA Single Start Date PGA Single End Date PGA Income Free Area Person ID</p> <p>Output: Calculation of PGA Single Income Free Period Sum of PGA periods (where Cus IS single): 1. Days Cnt = PGA Single End Date - PGA Single Start Date</p> <p>PGA Single Income Free Period Sum of PGA periods (where Cus IS single) = Days Cnt* PGA Income Free Area/14</p> <p><u>Where PGA Income Free Area is the latest for the Prorata Period</u></p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PEN Single Income Free Period Sum of PEN periods (where Cus IS single)</p>	<p>Input: PEN Single Start Date PEN Single End Date PEN Income Free Area PEN dependent child Income Free Area Person ID</p> <p>Output: Calculation of PEN Single Income Free Period Sum of PEN periods (where Cus IS single): 2. Days Cnt = PEN Single End Date - PEN Single Start Date</p> <p>PEN Single Income Free Period Sum of PEN periods (where Cus IS single) = Days Cnt* (PEN Single Income Free Area + PEN dependent child Income Free Area)/14</p> <p><u>Where (PEN Single Income Free Area + PEN dependent child Income Free Area) is the latest for the Prorata Period</u></p>
<p><u>PEN Partner Income Free Period Sum of PEN periods (where Cus IS partner-- PARTNER ON PEN)</u></p>	<p>Input: <u>PEN Single Start Date</u> <u>PEN Single End Date</u> <u>PEN Partnered Start Date</u> <u>PEN Partnered End Date</u> <u>PEN Income Free Area</u> <u>PEN dependent child Income Free Area</u> <u>Person ID</u></p> <p>Output: <u>Calculation of PEN Partner Income Free Period Sum of PEN periods (where Cus IS partner-- PARTNER ON PEN)</u> 3. <u>Days Cnt = PEN Partnered End Date - PEN Partnered Start Date</u></p> <p><u>PEN Partner Income Free Period Sum of PEN periods (where Cus IS partner-- PARTNER ON PEN) = Days Cnt* (PEN Income Free Area + PEN dependent child Income Free Area)/365</u></p> <p><u>Where (PEN Income Free Area + PEN dependent child Income Free Area) is the latest for the Prorata Period</u></p>

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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NSS Partner Income Free Period Sum of NSS periods (where Cus IS partner- PARTNER not on PEN)</p>	<p>Input: NSS Partnered (Partner NOT PEN) Start Date NSS Partnered (Partner NOT PEN) End Date NSS Income Free Area Person ID</p> <p>Output: Calculation of NSS Partner Income Free Period Sum of NSS periods (where Cus IS partner- PARTNER not on PEN) 1. Days Cnt = NSS Partnered (Partner NOT PEN) End Date - NSS Partnered (Partner NOT PEN) Start Date</p> <p>NSS Partner Income Free Period Sum of NSS periods (where Cus IS partner- PARTNER not on PEN) = Days Cnt* NSS Income Free Area/14</p> <p><u>Where NSS Income Free Area is the latest for the Prorata Period</u></p>
<p>PGA Partner Income Free Period Sum of PGA periods (where Cus IS partner- PARTNER not on PEN)</p>	<p>Input: PGA Partnered (Partner NOT PEN) Start Date PGA Partnered (Partner NOT PEN) End Date PGA Partner Income Free Area Person ID</p> <p>Output: Calculation of PGA Partner Income Free Period Sum of PGA periods (where Cus IS partner- PARTNER not on PEN) 1. Days Cnt = PGA Partnered (Partner NOT PEN) End Date - PGA Partnered (Partner NOT PEN) Start Date</p> <p>PGA Partner Income Free Period Sum of PGA periods (where Cus IS partner- PARTNER not on PEN) = Days Cnt* PGA Partner Income Free Area/14</p> <p><u>Where PGA Partner Income Free Area is the latest for the Prorata Period</u></p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NSS Partner Income Free Period Sum of NSS periods (where Cus IS partner—PARTNER ON PEN)</p>	<p>Input: NSS Partnered (Partner ON PEN) Start Date NSS Partnered (Partner ON PEN) End Date NSS Income Free Area Person ID</p> <p>Output: Calculation of NSS Partner Income Free Period Sum of NSS periods (where Cus IS partner—PARTNER ON PEN) 1. Days Cnt = NSS Partnered (Partner ON PEN) End Date - NSS Partnered (Partner ON PEN) Start Date</p> <p>NSS Partner Income Free Period Sum of NSS periods (where Cus IS partner—PARTNER ON PEN)= Days Cnt* NSS Income Free Area/14</p> <p><u>Where NSS Income Free Area is the latest for the Prorata Period</u></p>
<p>PGA Partner Income Free Period Sum of PGA periods (where Cus IS partner—PARTNER ON PEN)</p>	<p>Input: PGA Partnered (Partner ON PEN) Start Date PGA Partnered (Partner ON PEN) End Date PGA Partner Income Free Area Person ID</p> <p>Output: Calculation of PGA Partner Income Free Period Sum of PGA periods (where Cus IS partner—PARTNER ON PEN) 1. Days Cnt = PGA Partnered (Partner ON PEN) End Date - PGA Partnered (Partner ON PEN) Start Date</p> <p>PGA Partner Income Free Period Sum of PGA periods (where Cus IS partner—PARTNER ON PEN) = Days Cnt* PGA Partner Income Free Area/14</p> <p><u>Where PGA Partner Income Free Area is the latest for the Prorata Period</u></p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PGA Savings, Securities & Investments Income (where Cus IS single)</p>	<p>Input: PGA Savings, Securities & Investments Amount PGA Savings, Securities & Investments DOE PGA Single Start Date PGA Single End Date Person ID</p> <p>Output: Calculation of PGA Savings, Securities & Investments Income (where Cus IS single):</p> <ol style="list-style-type: none"> 1. Identify each PGA Savings, Securities & Investments Amount where Partner Person ID = 0 AND PGA Savings, Securities & Investments DOE <= PGA Single End Date AND next PGA Savings, Securities & Investments DOE > PGA Single Start Date 2. Loop through to calculate each instance of PGA Savings, Securities & Investments Amount as follows: <ol style="list-style-type: none"> 2.1 Where PGA Savings, Securities & Investments DOE <= PGA Single Start Date then PGA Savings, Securities & Investments Amount Calculation Start Date = PGA Single Start Date ELSE PGA Savings, Securities & Investments Amount Calculation Start Date = PGA Savings, Securities & Investments DOE 2.2 Where next PGA Savings, Securities & Investments DOE >= PGA Single End Date THEN PGA Savings, Securities & Investments Amount Calculation End Date = PGA Single End Date ELSE PGA Savings, Securities & Investments Amount Calculation End Date = next PGA Savings, Securities & Investments DOE - 1 day 2.3 PGA Savings, Securities & Investments Amount Days Cnt = PGA Savings, Securities & Investments Amount Calculation End Date - PGA Savings, Securities & Investments Amount Calculation Start Date 2.4 PGA Savings, Securities & Investments Amount Calculation Amount = (PGA Savings, Securities & Investments Amount / 14) x PGA Savings, Securities & Investments Amount Days Cnt <p>PGA Savings, Securities & Investments Income (where Cus IS single) = sum of all PGA Savings, Securities & Investments Amount(s)</p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NSS periods (where Cus IS single) of Total unearned income</p>	<p>Input: NSS Savings, Securities & Investments Amount NSS Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE NSS Foreign Income NSS Foreign Income DOE NSS Foreign Pension NSS Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE NSS Single Start Date NSS Single End Date Person ID</p> <p>Output: SET Pro Rata Period Start Date = NSS Single Start Date SET Pro Rata Period End Date = NSS Single End Date</p> <p>NSS periods (where Cus IS single) of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
PEN periods (where Cus IS single) of Total unearned income	<p>Input:</p> <ul style="list-style-type: none">PEN Savings, Securities & Investments AmountPEN Savings, Securities & Investments DOEReal Estate IncomeReal Estate Income DOEPEN Foreign IncomePEN Foreign Income DOEPEN Foreign PensionPEN Foreign Pension DOEDVA incomeDVA income DOETAC Income AmountTAC Income DOEPEN Single Start DatePEN Single End DatePerson ID <p>Output:</p> <ul style="list-style-type: none">SET Pro Rata Period Start Date = PEN Single Start DateSET Pro Rata Period End Date = PEN Single End Date <p>PEN periods (where Cus IS single) of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PEN periods (where Cus IS partnered) of Total unearned PEN income</p>	<p>Input:</p> <ul style="list-style-type: none"> PEN Savings, Securities & Investments Amount PEN Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE PEN Foreign Income PEN Foreign Income DOE PEN Foreign Pension PEN Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE PEN Partnered Start Date PEN Partnered End Date Person ID <p>Output:</p> <ul style="list-style-type: none"> SET Pro Rata Period Start Date = PEN Partnered Start Date SET Pro Rata Period End Date = PEN Partnered End Date <p>PEN periods (where Cus IS partnered) of Total unearned PEN income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

<p><u>Full Time Student</u></p>	<p>Input:</p> <p><u>Benefit Type</u> <u>Benefit Status</u> <u>Benefit DOE</u> <u>Student Status</u> <u>Student Status DOE</u></p> <p><u>IF NSS periods (where Cus IS single)</u> <u>SET Pro Rata Period Start Date = NSS Single Start Date</u> <u>SET Pro Rata Period End Date = NSS Single End Date</u></p> <p><u>IF PGA periods (where Cus IS single)</u> <u>SET Pro Rata Period Start Date = PGA Single Start Date</u> <u>SET Pro Rata Period End Date = PGA Single End Date</u></p> <p><u>IF NSS periods (where Cus IS partnered – PARTNER not on PEN)</u> <u>SET Pro Rata Period Start Date = NSS Partnered (Partner NOT PEN) Start Date</u> <u>SET Pro Rata Period End Date = NSS Partnered (Partner NOT PEN) End Date</u></p> <p><u>IF PGA periods (where Cus IS partnered – PARTNER not on PEN)</u> <u>SET Pro Rata Period Start Date = PGA Partnered (Partner NOT PEN) Start Date</u> <u>SET Pro Rata Period End Date = PGA Partnered (Partner NOT PEN) End Date</u></p> <p><u>IF NSS periods (where Cus IS partnered – PARTNER ON PEN)</u> <u>SET Pro Rata Period Start Date = NSS Partnered (Partner ON PEN) Start Date</u> <u>SET Pro Rata Period End Date = NSS Partnered (Partner ON PEN) End Date</u></p> <p><u>IF PGA periods (where Cus IS partnered – PARTNER ON PEN)</u> <u>SET Pro Rata Period Start Date = PGA Partnered (Partner ON PEN) Start Date</u> <u>SET Pro Rata Period End Date = PGA Partnered (Partner ON PEN) End DatePerson ID</u></p> <p>Output:</p> <p><u>IF</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> <u>Benefit Type = [Full Time Study Benefit Type List]</u> <u>WHERE</u> <input type="checkbox"/> <u>Benefit Status = [Full Time Student Benefit Status List]</u> <u>AND</u> <input type="checkbox"/> <u>Benefit DOE <= Pro Rata Period Start Date</u>
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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PEN NCP Income Free Period Sum of PEN period</p>	<p>Input: NCP With PEN Partner Start Date NCP With PEN Partner End Date Person ID</p> <p>Output: 1. Calculation of PEN NCP Income Free Period Sum of PEN period Days Cnt = NCP With PEN Partner End Date - NCP With PEN Partner Start Date</p> <p>PEN NCP Income Free Period Sum of PEN period = Days Cnt* (Partner PEN Single Income Free Area + Partner PEN dependent child Income Free Area)NCP Partnered PEN Income Free Area/365.44</p> <p><u>Where (Partner PEN Single Income Free Area + Partner PEN dependent child Income Free Area) is the latest for the Prorata Period</u></p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PGA periods (where Cus IS single) of Total PGA unearned income</p>	<p>Input: PGA Savings, Securities & Investments Amount PGA Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE PGA Foreign Income PGA Foreign Income DOE PGA Foreign Pension PGA Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE PGA Single Start Date PGA Single End Date Person ID</p> <p>Output: SET Pro Rata Period Start Date = PGA Single Start Date SET Pro Rata Period End Date = PGA Single End Date</p> <p>PGA periods (where Cus IS single) of Total PGA unearned income of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NSS periods (where Cus IS partner– PARTNER not on PEN) of Total unearned income</p>	<p>Input:</p> <ul style="list-style-type: none"> NSS Savings, Securities & Investments Amount NSS Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE NSS Foreign Income NSS Foreign Income DOE NSS Foreign Pension NSS Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE NSS Partnered (Partner NOT PEN) Start Date NSS Partnered (Partner NOT PEN) End Date Person ID <p>Output:</p> <ul style="list-style-type: none"> SET Pro Rata Period Start Date = NSS Partnered (Partner NOT PEN) Start Date SET Pro Rata Period End Date = NSS Partnered (Partner NOT PEN) End Date <p>NSS periods (where Cus IS partner– PARTNER not on PEN) of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PGA periods (where Cus IS partner– PARTNER not on PEN) of Total PGA unearned income of Total unearned income</p>	<p>Input:</p> <ul style="list-style-type: none"> PGA Savings, Securities & Investments Amount PGA Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE PGA Foreign Income PGA Foreign Income DOE PGA Foreign Pension PGA Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE PGA Partnered (Partner NOT PEN) Start Date PGA Partnered (Partner NOT PEN) End Date Person ID <p>Output:</p> <ul style="list-style-type: none"> SET Pro Rata Period Start Date = PGA Partnered (Partner NOT PEN) Start Date SET Pro Rata Period End Date = PGA Partnered (Partner NOT PEN) End Date <p>PGA periods (where Cus IS partner– PARTNER not on PEN) of Total PGA unearned income of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NSS periods (where Cus IS partner- PARTNER ON PEN) of Total unearned income</p>	<p>Input:</p> <ul style="list-style-type: none"> NSS Savings, Securities & Investments Amount NSS Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE NSS Foreign Income NSS Foreign Income DOE NSS Foreign Pension NSS Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE NSS Partnered (Partner ON PEN) Start Date NSS Partnered (Partner ON PEN) End Date Person ID <p>Output:</p> <ul style="list-style-type: none"> SET Pro Rata Period Start Date = NSS Partnered (Partner ON PEN) Start Date SET Pro Rata Period End Date = NSS Partnered (Partner ON PEN) End Date <p>NSS periods (where Cus IS partner- PARTNER ON PEN) of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PGA periods (where Cus IS partner-- PARTNER ON PEN) of Total unearned PGA income</p>	<p>Input:</p> <ul style="list-style-type: none"> PGA Savings, Securities & Investments Amount PGA Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE PGA Foreign Income PGA Foreign Income DOE PGA Foreign Pension PGA Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE PGA Partnered (Partner ON PEN) Start Date PGA Partnered (Partner ON PEN) End Date Person ID <p>Output:</p> <ul style="list-style-type: none"> SET Pro Rata Period Start Date = PGA Partnered (Partner ON PEN) Start Date SET Pro Rata Period End Date = PGA Partnered (Partner ON PEN) End Date <p>PGA periods (where Cus IS partner-- PARTNER ON PEN) of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

<p>Partner Total unearned PEN income</p>	<p>Input:</p> <ul style="list-style-type: none"> PEN Partner Savings, Securities & Investments Income Above PEN Partner Savings, Securities & Investments Income Above DOE Partner Real Estate Income Partner Real Estate Income DOE PEN Partner Foreign Income PEN Partner Foreign Income DOE PEN Partner Foreign Pension PEN Partner Foreign Pension DOE Partner DVA income Partner DVA income DOE Partner TAC Income Amount Partner TAC Income DOE NCP With PEN Partner Start Date NCP With PEN Partner End Date Person ID <p>Output:</p> <p><u>SET Pro Rata Period Start Date = NSS Partnered (Partner ON PEN) Start Date</u> <u>SET Pro Rata Period End Date = NSS Partnered (Partner ON PEN) End Date</u> <u>Where for NSS Partnered (Partner ON PEN) Scenario</u></p> <p><u>SET Pro Rata Period Start Date = PGA Partnered (Partner ON PEN) Start Date</u> <u>SET Pro Rata Period End Date = PGA Partnered (Partner ON PEN) End Date</u> <u>Where for PGA Partnered (Partner ON PEN) Scenario</u></p> <p>SET Pro Rata Period Start Date = NCP With PEN Partner Start Date SET Pro Rata Period End Date = NCP With PEN Partner End Date <u>Where for NCP With PEN Partner Scenario</u></p> <p>Partner Total unearned PEN income= PEN Partner Savings, Securities & Investments Income Above (Using Pro Rata Start, Pro Rata End Date) + PEN Partner Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PEN Partner Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + Partner DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + Partner Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + Partner Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>
<p>NCP Customer Total unearned income (NSS Ptr)</p>	<p>Input:</p> <ul style="list-style-type: none"> NSS Savings, Securities & Investments Amount

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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
	<p>NSS Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE NSS Foreign Income NSS Foreign Income DOE NSS Foreign Pension NSS Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE NCP With NSS Partner Start Date NCP With NSS Partner End Date Person ID</p> <p>Output: SET Pro Rata Period Start Date = NCP With NSS Partner Start Date SET Pro Rata Period End Date = NCP With NSS Partner End Date</p> <p>NCP Customer Total unearned income (NSS Ptr) = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

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Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NCP Customer Total unearned income (PGA Ptr)</p>	<p>Input:</p> <ul style="list-style-type: none"> PGA Savings, Securities & Investments Amount PGA Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE PGA Foreign Income PGA Foreign Income DOE PGA Foreign Pension PGA Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE NCP With PGA Partner Start Date NCP With PGA Partner End Date Person ID <p>Output:</p> <ul style="list-style-type: none"> SET Pro Rata Period Start Date = NCP With PGA Partner Start Date SET Pro Rata Period End Date = NCP With PGA Partner End Date <p>NCP Customer Total unearned income (PGA Ptr) = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>NCP Customer Total unearned income (PEN Ptr)</p>	<p>Input:</p> <ul style="list-style-type: none"> NSS Savings, Securities & Investments Amount NSS Savings, Securities & Investments DOE Real Estate Income Real Estate Income DOE PEN Foreign Income PEN Foreign Income DOE PEN Foreign Pension PEN Foreign Pension DOE DVA income DVA income DOE TAC Income Amount TAC Income DOE NCP With PEN Partner Start Date NCP With PEN Partner End Date Person ID <p>Output:</p> <ul style="list-style-type: none"> SET Pro Rata Period Start Date = NCP With PEN Partner Start Date SET Pro Rata Period End Date = NCP With PEN Partner End Date <p>NCP Customer Total unearned income (PEN Ptr)PEN per ods (where Cus IS single) of Total unearned income = PAYG Savings, Securities & Investments Income (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Foreign Pension Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period DVA Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period TAC Income Amount (Using Pro Rata Start, Pro Rata End Date) + PAYG Period Real Estate Income Amount (Using Pro Rata Start, Pro Rata End Date)</p>

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PAYG Savings, Securities & Investments Income</p>	<p>Input: Savings, Securities & Investments Income Amount Savings, Securities & Investments Income DOE Pro Rata Period Start Date Pro Rata Period End Date Financial Year</p> <p>Output: Calculation of PAYG Savings, Securities & Investments Income.</p> <ol style="list-style-type: none"> 1. Identify each Foreign Income Amount where Foreign Income DOE <= Pro Rata Period End Date 2. Loop through to calculate each instance of PAYG Savings, Securities & Investments Income as follows: <ol style="list-style-type: none"> 2.1 Where Foreign Income DOE <= Pro Rata Period Start Date for the Financial Year then Foreign Income Calculation Start Date = Pro Rata Period Start Date for the Financial Year ELSE Foreign Income Calculation Start Date = Foreign Income DOE 2.2 Where next Foreign Income DOE <= Pro Rata Period End Date for the Financial Year then Foreign Income Calculation End Date = next Foreign Income DOE - 1 day ELSE Savings, Securities & Investments Income Calculation End Date = Pro Rata Period End Date 2.3 Savings, Securities & Investments Income Days Cnt = Savings, Securities & Investments Income Calculation End Date - Savings, Securities & Investments Income Calculation Start Date + 1 2.4 Savings, Securities & Investments Income Calculation Amount = (Savings, Securities & Investments Income Amount / 14 or 365 <i>*depending on the frequency of the data store</i>) x Savings, Securities & Investments Income Days Cnt 3. PAYG Period Savings, Securities & Investments Income Amount = sum of all Savings, Securities & Investments Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PAYG Period Foreign Income Amount</p>	<p>Input: Foreign Income Amount Foreign Income DOE Pro Rata Period Start Date Pro Rata Period End Date Financial Year</p> <p>Output: Calculation of PAYG Period Foreign Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Foreign Income Amount where Foreign Income DOE <= Pro Rata Period End Date 2. Loop through to calculate each instance of PAYG Period Foreign Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where Foreign Income DOE <= Pro Rata Period Start Date for the Financial Year then Foreign Income Calculation Start Date = Pro Rata Period Start Date for the Financial Year ELSE Foreign Income Calculation Start Date = Foreign Income DOE 2.2 Where next Foreign Income DOE <= Pro Rata Period End Date for the Financial Year then Foreign Income Calculation End Date = next Foreign Income DOE - 1 day ELSE Foreign Income Calculation End Date = Pro Rata Period End Date 2.3 Foreign Income Days Cnt = Foreign Income Calculation End Date - Foreign Income Calculation Start Date + 1 2.4 Foreign Income Calculation Amount = (Foreign Income Amount / 14 or 365 *depending on the frequency of the data store) x Foreign Income Days Cnt 3. PAYG Period Foreign Income Amount = sum of all Foreign Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PAYG Period Foreign Pension Amount</p>	<p>Input: Foreign Pension Amount Foreign Pension DOE Pro Rata Period Start Date Pro Rata Period End Date Financial Year</p> <p>Output: Calculation of PAYG Period Foreign Pension Amount.</p> <ol style="list-style-type: none"> 1. Identify each Foreign Pension Amount where Foreign Pension DOE <= Pro Rata Period End Date 2. Loop through to calculate each instance of PAYG Period Foreign Pension Amount as follows: <ol style="list-style-type: none"> 2.1 Where Foreign Pension DOE <= Pro Rata Period Start Date for the Financial Year then Foreign Pension Calculation Start Date = Pro Rata Period Start Date for the Financial Year ELSE Foreign Pension Calculation Start Date = Foreign Pension DOE 2.2 Where next Foreign Pension DOE <= Pro Rata Period End Date for the Financial Year then Foreign Pension Calculation End Date = next Foreign Pension DOE - 1 day ELSE Foreign Pension Calculation End Date = Pro Rata Period End Date 2.3 Foreign Pension Days Cnt = Foreign Pension Calculation End Date - Foreign Pension Calculation Start Date + 1 2.4 Foreign Pension Calculation Amount = (Foreign Pension Amount / 14 or 365 *depending on the frequency of the data store) x Foreign Pension Days Cnt 3. PAYG Period Foreign Pension Amount = sum of all Foreign Pension Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PAYG Period DVA Income Amount</p>	<p>Input: DVA Income Amount DVA Income DOE Cust DVA Status Pro Rata Period Start Date Pro Rata Period End Date Financial Year</p> <p>Output: Calculation of PAYG Pro Rata Period DVA Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each DVA Income Amount where Cust DVA Status = 'ON' AND DVA Income DOE <= Pro Rata Period End Date for the Financial Year 2. Loop through to calculate each instance of PAYG Period DVA Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where DVA Income DOE <= Pro Rata Period Start Date then DVA Income Calculation Start Date = Pro Rata Period Start Date Else DVA Income Calculation Start Date = DVA Income DOE <ol style="list-style-type: none"> 2.1.1 Where next DVA Income DOE <= Pro Rata Period End Date for the Financial Year then DVA Income End Date = next DVA Income DOE - 1 day ELSE DVA Income End Date = Pro Rata Period End Date 2.2 DVA Income Days Cnt = DVA Income Calculation End Date - DVA Income Calculation Start Date + 1 2.3 DVA Income Calculation Amount = (DVA Income Amount / 14 or 365 *depending on the frequency of the data store) x DVA Income Days Cnt 3. PAYG Period DVA Income Amount = sum of all DVA Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
<p>PAYG Period TAC Income Amount</p>	<p>Input: TAC Income Amount TAC Income DOE Pro Rata Period Start Date Pro Rata Period End Date Financial Year</p> <p>Output: Calculation of PAYG Period TAC Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each TAC Income Amount where TAC Income DOE <= Pro Rata Period End Date 2. Loop through to calculate each instance of PAYG Period TAC Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where TAC Income DOE <= Pro Rata Period Start Date for the Financial Year then TAC Income Calculation Start Date = Pro Rata Period Start Date for the Financial Year ELSE TAC Income Calculation Start Date = TAC Income DOE 2.2 Where next TAC Income DOE <= Pro Rata Period End Date for the Financial Year then TAC Income Calculation End Date = next TAC Income DOE - 1 day ELSE TAC Income Calculation End Date = Pro Rata Period End Date - 1 day 2.3 TAC Income Days Cnt = TAC Income Calculation End Date - TAC Income Calculation Start Date + 1 2.4 TAC Income Calculation Amount = (TAC Income Amount / 365) x TAC Income Days Cnt 3. PAYG Period TAC Income Amount = sum of all TAC Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
PAYG Period Real Estate Income Amount	<p>Input:</p> <ul style="list-style-type: none"> Real Estate Income Amount Real Estate Income DOE Pro Rata Period Start Date Pro Rata Period End Date Financial Year <p>Output:</p> <p>Calculation of PAYG Period Real Estate Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Real Estate Income Amount where Real Estate Income DOE <= Pro Rata Period End Date 2. Loop through to calculate each instance of PAYG Period Real Estate Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where Real Estate Income DOE <= Pro Rata Period Start Date for the Financial Year then Real Estate Income Calculation Start Date = Pro Rata Period Start Date for the Financial Year ELSE Real Estate Income Calculation Start Date = Real Estate Income DOE 2.2 Where next Real Estate Income DOE <= Pro Rata Period End Date for the Financial Year then Real Estate Income Calculation End Date = next Real Estate Income DOE - 1 day ELSE Real Estate Income Calculation End Date - 1 day = Pro Rata Period End Date 2.3 Real Estate Income Days Cnt = Real Estate Income Calculation End Date - Real Estate Income Calculation Start Date + 1 2.4 Real Estate Income Calculation Amount = (Real Estate Income Amount / 14 365 *depending on the frequency of the data store) x Real Estate Income Days Cnt 3. PAYG Period Real Estate Income Amount = sum of all Real Estate Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Partner PAYG Period Gifted Income Amount	<p>Input: Partner Gifted Income Amount Partner Gifted Income DOE PAYG Summary Payment Start Date PAYG Summary Payment End Date Financial Year</p> <p>Output: Calculation of Partner PAYG Period Gifted Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Partner Gifted Income Amount where Partner Gifted Income DOE <= maximum PAYG Summary Payment End Date for the Financial Year and next Partner Gifted Income DOE > minimum PAYG Summary Payment Start Date for the Financial Year. 2. Loop through to calculate each instance of Partner PAYG Period Gifted Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where Partner Gifted Income DOE <= minimum PAYG Summary Payment Start Date for the Financial Year then Partner Gifted Income Calculation Start Date = minimum PAYG Summary Payment Start Date for the Financial Year. Else Partner Gifted Income Calculation Start Date = Partner Gifted Income DOE 2.2 Where next Partner Gifted Income DOE >= maximum PAYG Summary Payment End Date for the Financial Year then Partner Gifted Income Calculation End Date = maximum PAYG Summary Payment End Date for the Financial Year - 1 day. Else Partner Gifted Income Calculation End Date = next Partner Gifted Income DOE - 1 day 2.3 Partner Gifted Income Days Cnt = Partner Gifted Income Calculation End Date - Partner Gifted Income Calculation Start Date + 1 2.4 Partner Gifted Income Calculation Amount = (Partner Gifted Income Amount / 365 *depending on the frequency of the data store) x Partner Gifted Income Days Cnt 3. Partner PAYG Period Gifted Income Amount = sum of all Partner Gifted Income Calculation AmountsCnt

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Financial Year Compensation Income Amount	<p>Input: Compensation Income Amount Compensation Income DOE Compensation Income Frequency Financial Year</p> <p>Output: Calculation of Financial Year Compensation Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Compensation Income Amount where Compensation Income DOE \leq 30/6/Financial Year and next Compensation Income DOE $>$ 30/6/Financial Year. 2. Loop through to calculate each instance of Financial Year Compensation Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where the Compensation Income Frequency = 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.1.1 If the Compensation Income DOE $<$ 1/7/Financial Year - 1 then ignore. 2.1.2 If the Compensation Income DOE \geq 1/7/Financial Year - 1 then Compensation Income Calculation Amount = Compensation Income Amount. 2.2 Where the Compensation Income Frequency \neq 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.2.1 If the Compensation Income DOE \leq 1/7/Financial Year - 1 Year then Compensation Income Calculation Start Date = 1/7/Financial Year - 1 Year. Else Compensation Income Calculation Start Date = Compensation Income DOE 2.2.2 If the next Compensation Income DOE \geq 30/6/Financial Year then Compensation Income Calculation End Date = 30/6/Financial Year. Else Compensation Income Calculation End Date = next Compensation Income DOE - 1 day 2.2.3 Compensation Income Days Cnt = Compensation Income Calculation End Date - Compensation Income Calculation Start Date + 1 2.2.4 Compensation Income Calculation Amount = (Compensation Income Amount * Frequency Value / 34 or 365 * <i>depending on the frequency of the data store</i>) x Compensation Income Days Cnt 3. Financial Year Compensation Income Amount = sum of all Compensation Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Financial Year Earnings Income Amount	<p>Input: Earnings Income Amount Earnings Income DOE Earnings Income Frequency Financial Year</p> <p>Output: Calculation of Financial Year Earnings Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Earnings Income Amount where Earnings Income DOE \leq 30/6/Financial Year and next Earnings Income DOE $>$ 30/6/Financial Year. 2. Loop through to calculate each instance of Financial Year Earnings Income Amount as follows: <ol style="list-style-type: none"> 5.1 Where the Earnings Income Frequency = 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 5.1.1 If the Earnings Income DOE $<$ 1/7/Financial Year - 1 then ignore. 5.1.2 If the Earnings Income DOE \geq 1/7/Financial Year - 1 then Earnings Income Calculation Amount = Earnings Income Amount. 5.2 Where the Earnings Income Frequency \neq 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 5.2.1 If the Earnings Income DOE \leq 1/7/Financial Year - 1 Year then Earnings Income Calculation Start Date = 1/7/Financial Year - 1 Year. Else Earnings Income Calculation Start Date = Earnings Income DOE 5.2.2 If the next Earnings Income DOE \geq 30/6/Financial Year then Earnings Income Calculation End Date = 30/6/Financial Year. Else Earnings Income Calculation End Date = next Earnings Income DOE - 1 day 5.2.3 Earnings Income Days Cnt = Earnings Income Calculation End Date - Earnings Income Calculation Start Date + 1 5.2.4 Earnings Income Calculation Amount = (Earnings Income Amount * Frequency Value / 365 * <i>depending on the frequency of the data store</i>) x Earnings Income Days Cnt 6. Financial Year Earnings Income Amount = sum of all Earnings Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Financial Year Income Maintenance Period Income Amount	<p>Input:</p> <ul style="list-style-type: none"> Income Maintenance Period Income Amount Income Maintenance Period Start Date Income Maintenance Period End Date Income Maintenance Period Income Type Financial Year <i>[Income Maintenance Period Income Type List]</i> <p>Output:</p> <p>Calculation of Financial Year Income Maintenance Period Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Income Maintenance Period Income Amount where Income Maintenance Period Income Start Date <= 30/6/Financial Year and Income Maintenance Period Income End Date > 1/7/Financial Year-1. 2. Loop through to calculate each instance of Financial Year Income Maintenance Period Income Amount where the Income Maintenance Period Income Type = <i>[Income Maintenance Period Income Type List]</i> as follows: <ol style="list-style-type: none"> 2.1 If the Income Maintenance Period Start Date <= 1/7/Financial Year - 1 Year then Income Maintenance Period Income Calculation Start Date = 1/7/Financial Year - 1 Year. Else Income Maintenance Period Income Calculation Start Date = Income Maintenance Period Start Date 2.2 If the Income Maintenance Period End Date >= 30/6/Financial Year then Income Maintenance Period Income Calculation End Date = 30/6/Financial Year. Else Income Maintenance Period Income Calculation End Date = Income Maintenance Period End Date 2.3 Income Maintenance Period Income Days Cnt = Income Maintenance Period Income Calculation End Date - Income Maintenance Period Income Calculation Start Date + 1 2.4 2.4 WHERE Income Maintenance Period Income Days Cnt < 0 SET Income Maintenance Period Income Days Cnt = 0 2.4 2.5 Income Maintenance Period Income Total Day Cnt = Income Maintenance Period End Date - Income Maintenance Period Start Date + 1 2.5 2.6 Income Maintenance Period Income Calculation Amount = (Income Maintenance Period Income Amount) x Income Maintenance Period Income Days Cnt / Income Maintenance Period Income Total Day Cnt 3. Financial Year Income Maintenance Period Income Amount = sum of all Income Maintenance Period Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Financial Year Other Government Payments Income Amount	<p>Input: Other Government Payments Income Amount OGOD.AMT Other Government Payments Income DOE OGOD.DOV Other Government Payments Income Frequency OGOD.AMT.FREQ.CODE Financial Year</p> <p>Output: Calculation of Financial Year Other Government Payments Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Other Government Payments Income Amount where Other Government Payments Income DOE \leq 30/6/Financial Year and next Other Government Payments Income DOE $>$ 30/6/Financial Year. 2. Loop through to calculate each instance of Financial Year Other Government Payments Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where the Other Government Payments Income Frequency = 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.1.1 If the Other Government Payments Income DOE $<$ 1/7/Financial Year - 1 then ignore. 2.1.2 If the Other Government Payments Income DOE \geq 1/7/Financial Year - 1 then Other Government Payments Income Calculation Amount = Other Government Payments Income Amount. 2.2 Where the Other Government Payments Income Frequency \neq 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.2.1 If the Other Government Payments Income DOE \leq 1/7/Financial Year - 1 Year then Other Government Payments Income Calculation Start Date = 1/7/Financial Year - 1 Year. Else Other Government Payments Income Calculation Start Date = Other Government Payments Income DOE 2.2.2 If the next Other Government Payments Income DOE \geq 30/6/Financial Year then Other Government Payments Income Calculation End Date = 30/6/Financial Year. Else Other Government Payments Income Calculation End Date = next Other Government Payments Income DOE - 1 day 2.2.3 Other Government Payments Income Days Cnt = Other Government Payments Income Calculation End Date - Other Government Payments Income Calculation Start Date + 1 2.2.4 Other Government Payments Income Calculation Amount = (Other Government Payments Income Amount * <u>Frequency Value / 14 or 365</u> *depending on the frequency of the data store) x Other Government Payments Income Days Cnt 3. Financial Year Other Government Payments Income Amount = sum of all Other Government Payments Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Financial Year Other Income Amount	<p>Input: Other Income Amount Other Income DOE Other Income Frequency Other Income Type Financial Year [Other Income Type List]</p> <p>Output: Calculation of Financial Year Other Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Other Income Amount where Other Income DOE \leq 30/6/Financial Year and next Other Income DOE $>$ 30/6/Financial Year. 2. Loop through to calculate each instance of Financial Year Other Income Amount where the Other Income Type = [Other Income Type List] as follows: <ol style="list-style-type: none"> 2.1 Where the Other Income Frequency = 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.1.1 If the Other Government Payments Income DOE $<$ 1/7/Financial Year - then ignore. 2.1.2 If the Other Income DOE \geq 1/7/Financial - 1 Year then Other Income Calculation Amount = Other Income Amount. 2.2 Where the Other Income Frequency \neq 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.2.1 If the Other Income DOE \leq 1/7/Financial Year - 1 Year then Other Income Calculation Start Date = 1/7/Financial Year - 1 Year. Else Other Income Calculation Start Date = Other Income DOE 2.2.2 If the next Other Income DOE \geq 30/6/Financial Year then Other Income Calculation End Date = 30/6/Financial Year. Else Other Income Calculation End Date = next Other Income DOE - 1 day 2.2.3 Other Income Days Cnt = Other Income Calculation End Date - Other Income Calculation Start Date + 1 2.2.4 Other Income Calculation Amount = (Other Income Amount * <u>Frequency Value</u> / 14 or 365 *depending on the frequency of the data store) x Other Income Days Cnt 3. Financial Year Other Income Amount = sum of all Other Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Financial Year Superannuation Income Amount	<p>Input: Superannuation Income Amount Superannuation Market Linked Amount Superannuation Income DOE Superannuation Income Frequency Financial Year</p> <p>Output: Calculation of Financial Year Superannuation Income Amount.</p> <ol style="list-style-type: none"> 1. Identify each Superannuation Income Amount where Superannuation Income DOE $\leq 30/6/\text{Financial Year}$ and next Superannuation Income DOE $> 30/6/\text{Financial Year}$. 2. Loop through to calculate each instance of Financial Year Superannuation Income Amount as follows: <ol style="list-style-type: none"> 2.1 Where the Superannuation Income Frequency = 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.1.1 If the Superannuation Income DOE $< 1/7/\text{Financial Year} - 1$ then ignore. 2.1.2 If the Superannuation Income DOE $\geq 1/7/\text{Financial Year} - 1$ then Superannuation Income Calculation Amount = Superannuation Income Amount + Superannuation Market Linked Amount. 2.2 Where the Superannuation Income Frequency \neq 'IOP', 'ONE' or '_' then: <ol style="list-style-type: none"> 2.2.1 If the Superannuation Income DOE $\leq 1/7/\text{Financial Year} - 1$ Year then Superannuation Income Calculation Start Date = $1/7/\text{Financial Year} - 1$ Year. Else Superannuation Income Calculation Start Date = Superannuation Income DOE 2.2.2 If the next Superannuation Income DOE $\geq 30/6/\text{Financial Year}$ then Superannuation Income Calculation End Date = $30/6/\text{Financial Year}$. Else Superannuation Income Calculation End Date = next Superannuation Income DOE - 1 day 2.2.3 Superannuation Income Days Cnt = Superannuation Income Calculation End Date - Superannuation Income Calculation Start Date + 1 2.2.4 Superannuation Income Calculation Amount = $(\text{Superannuation Income Amount} + \text{Superannuation Market Linked Amount}) \times \frac{\text{Frequency Value}}{14 \text{ or } 365}$ *depending on the frequency of the data store 3. Financial Year Superannuation Income Amount = sum of all Superannuation Income Calculation Amounts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
Financial Year TXGD Amount	<p>Input:</p> <ul style="list-style-type: none"> Financial Year PAYG Summary Payment Start Date PAYG Summary Payment End Date TXGS Group ID TXGS Financial year TXGS Issue Type TXGD Group ID TXGD Ben Type TXGD Start Date TXGD End Date TXGD Taxable Amt TXGD Non Taxable Amt [TXGD Benefit Type List] [TXGS Issue Type] <p>Output:</p> <p>Calculation of Financial Year TXGD Amount</p> <ol style="list-style-type: none"> 1. Identify each occurrence of a TXGS Group ID where TXGS Financial Year = Financial Year and TXGS Issue Type = [TXGS Issue Type] 2. Select each corresponding TXGD Group ID record and retain where the TXGD Ben Type = [TXGD Benefit Type List], then for the retained records calculate each instance as follows: <ol style="list-style-type: none"> 2.1 TXGD Calculation Amt = TXGD Taxable Amt + TXGD Non Taxable Amt 3. Financial Year TXGD Amount = sum of all TXGD Calculation Amts

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules
TXGD Number of Days	<p>Input:</p> <ul style="list-style-type: none"> Financial Year TXGS Group ID TXGS Financial year TXGS Issue Type TXGD Group ID TXGD Ben Type TXGD Start Date TXGD End Date [TXGD Benefit Type List] <p>Output:</p> <p>Calculation of TXGD Number of Days</p> <ol style="list-style-type: none"> 4. Identify each occurrence of a TXGS Group ID where TXGS Financial Year = Financial Year and TXGS Issue Type = 'COR' or 'ORG' 5. Select each corresponding TXGD Group ID record and retain where the TXGD Ben Type = [TXGD Benefit Type List], 6. Remove any TXGD Group ID record duplicates. Duplicates defined as TXGD group with same TXGD Ben Type, TXGD Start Date and TXGD End Date 7. Then for the retained records calculate each instance as follows: <ol style="list-style-type: none"> 7.1 TXGD Days cnt = (Latest of (TXGD End Date or FY End Date)) - (Earliest (of TXGD Start Date or FY Start Date)) + 1 8. TXGD Number of Days = sum of all TXGD Days cnt 9. Where TXGD Number of Days >= 365 Return TXGD Number of Days = 365 Days

Derived Data Item	Derived Data Calculation and/or Extraction Business Rules				
<u>Frequency Value</u>	<u>Compensation Income Frequency</u> <u>Earnings Frequency</u> <u>Other Government Payments Income Frequency</u> <u>Other Income Frequency</u> <u>Superannuation Income Frequency</u>				
	<u>Code</u>	<u>Literal</u>	=	<u>Frequency Value</u>	
	<u>QTR</u>	=	=	<u>4</u>	
	<u>DLY</u>	=	=	<u>365</u>	
	<u>1WE</u>	=	=	<u>52</u>	
	<u>2WE</u>	=	=	<u>26</u>	
	<u>4WE</u>	=	=	<u>13</u>	
	<u>8WE</u>	=	=	<u>6.5</u>	
	<u>12W</u>	=	=	<u>4.334</u>	
	<u>HMT</u>	=	=	<u>24</u>	
	<u>MTH</u>	=	=	<u>12</u>	
	<u>2MT</u>	=	=	<u>6</u>	
	<u>3MT</u>	=	=	<u>4</u>	
	<u>6MT</u>	=	=	<u>2</u>	
	<u>ANN</u>	=	=	<u>1</u>	
	<u>ONE</u>	=	=	<u>1</u>	
	<u>IOP</u>	=	=	<u>1</u>	

8 PAYG Benefit Type Output

Where a customer (or partner) has multiple benefits, the benefit to be chosen in the output will be determined by the status with the below priority order:

1. Current (CUR)
2. Assessed (ASS)
3. Suspended (SUS)

Where a customer or partner has multiple current, assessed or suspended benefit types in the same period, the benefit type for the output that will be chosen will be in Payment System priority order as outlined in the following table:

Customer Selection	Partner Selection
1. PEN	1. PEN
2. PGA	2. PGA
3. NSS	3. NSS

If the customer (or partner) has a current Benefit Type not in the above systems (PEN, PGA, NSS) display the first one in alphabetical order i.e., DAP becomes before PPL).

~~Where a customer has multiple benefits in the same payment system (e.g. PEN, PGA, NSS), the benefit to be chosen will be further determined by the status with the below priority order:~~

- ~~1. Current (CUR)~~
- ~~2. Assessed (ASS)~~
- ~~3. Suspended (SUS)~~
- ~~4. Cancelled (CAN)~~

~~5. Rejected (REJ)~~

~~6. Lapsed (LAP)~~

Where a customer has multiple current benefit types, and the benefit types do not fit into the above payment system categories, the first benefit type in alphabetical order will be chosen. The above rule applies to methods relating to benefit type.

9 PAYG Risk Assessment Detection Strategies

The Detection Strategies applied to assess a PAYG risk, and the initial configuration of each Detection Strategy, are detailed in the following section.

9.1 Initial configuration format

The processing of the individual methods for the PAYG Rule Group is categorised below based on the specific risk being assessed and is used within a Detection Strategy.

These strategies being:

- PAYG Customer Risk (Mass Detection)- to identify a risk of a potential incorrect payment on a customer Centrelink record or partner Centrelink record;
- PAYG Customer Risk (Online Detection)- to reassess and identify a risk of a potential incorrect payment on a customer Centrelink record or partner Centrelink record when new data has been established;

The below table matches up the Fraud Management parameters with their source from HANA:

Fraud Management	HANA Field
Investigation Object	Matched Person ID
Detection Object	nanannnnnnnnnnnnnnnnnnnnnaann
Investigation Reason	'PAYG Selection(s)'

The below table describes which Centrelink review has the record placed on it and where this is derived from (either Detection Object, Linked CRN or Method Evaluation Text):

Strategy	Matched CRN (Detection Object)	Review is placed on Centrelink Record:
PAYG Customer Risk	PAYG Customer	PAYG Customer Record (de-ved from FM Detect on Object)

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9.2 PAYG Customer Mass Detection Risk Strategy (DS_PAYG_MD_001_S2)- Initial configuration format

This is the PAYG strategy and is run for the initial mass detection stage.

Detection Method ID	Detection Method Description Text	Parameters	Weighting
<u>DM_CUST_EVNT_0124_S2</u> 2.1 (for customer or/and partner)	Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the customer or/and partner has had a Benefit Status of where the Benefit Type Code matches.	[Benefit Status List] = 'CUR' 'ASS' 'SUS' [Benefit Type list] = 'AUS' 'NSA' 'PTA' 'SKA' 'SPL' 'WDA' 'YAL' 'PPP' 'AGE' 'BVA' 'CAR' 'DSP' 'PPS' 'WFA' 'WFD'	+10
<u>DM_CUST_EVNT_0100_S2</u> <u>DM_CUST_EVNT_0121_S2</u> 2.1 (for customer)	Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the customer has had a Benefit Status of where the Benefit Type matches. Include if at any time during the targeted financial year the customer has had a Benefit Status of where the System Code matches. <i>Note this method is strictly for output of evaluation text. Weighting will be zero.</i>	[Benefit Status List] = 'CUR', 'ASS', 'SUS' [Benefit Type list] = 'AUS', ' DRP ', ' ECR ', ' FFR ', ' NMAA ', 'NSA', 'PTA', 'SKA', 'SPL', 'WDA', 'YAL', ' YTA ', 'PPP', 'PGA', 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RHB', 'WFA', 'WFD', ' WID ', ' DDL '	+100
<u>DM_CUST_EVNT_0101_S2</u> <u>DM_CUST_EVNT_0122_S2</u> 2.1 (for partner)	Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the partner has had a Benefit Status of where the Benefit Type matches. Include if at any time during the targeted financial year the partner has had a Benefit Status of where the System Code matches. <i>Note this method is strictly for output of evaluation text. Weighting will be zero.</i>	[Benefit Status List] = 'CUR', 'ASS', 'SUS' [Benefit Type list] = 'AUS', ' DRP ', ' ECR ', ' FFR ', ' NMAA ', 'NSA', 'PTA', 'SKA', 'SPL', 'WDA', 'YAL', ' YTA ', 'PPP', 'PGA', 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RHB', 'WFA', 'WFD', ' WID ', ' DDL '	+100
DM_CUST_EVNT_0102_S2 2.3	Purpose: Exclude where customer is single and recorded as legally blind during the PAYG Payment Summary dates, or customer is partnered and both customer and partner recorded as legally blind during the PAYG Payment Summary dates recorded as legally blind.		-100

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0103_S2 S2 2.4	Purpose: Exclude where customer is deceased and Date of Death is more than the assigned number of days before the current date	[Assigned number of days] = 187 days	-100
DM_CUST_EVNT_0104_125 S2 2.5	Purpose: Exclude where customer has received less than the assigned minimum pension or benefit amount in Centrelink Payments for the financial year	[TXGD Benefit Type List] = 'AGE', 'AUS', 'BVA', 'CAR', 'DSP', 'AAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'WAD', 'YAL' [TXGS Issue Type] = 'COR', 'ORG' [Assigned minimum pension or benefit amount] = 1000 [Benefit Status List] = 'CUR' 'ASS' 'SUS'	-100
DM_CUST_EVNT_0105_S2 S2.6 & 2.7	Purpose: Exclude matched Payment Summary records for specified Payment Types (either Eligible Termination Payment or Superannuation Payment records)	[Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP' or 'SLS' or 'SPN'	-100
DM_CUST_EVNT_0106_126 S2 2.8	Purpose: Exclude matched Payment Summary records where the Payment Summary type is one of INB, VOL, or LAB, and the period of the Payment Summary record does not overlap any period that the customer was in receipt of payment based on the Start and End Dates found in the Tax Payment Summary Details	[Excluded Payee Payment Type List] = FEI INB, VOL or LAB [TXGD Benefit Type List] = 'AGE', 'AUS', 'BVA', 'CAR', 'DSP', 'AAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'WAD', 'YAL' [Benefit Status List] = 'CUR' 'ASS' 'SUS'	-100
DM_CUST_EVNT_0107_S2 S2.9	Purpose: Exclude matched Payment Summary records where the Payment Summary type is one of PSA, VOL, or LAB, and the customer has declared business income to Centrelink after the beginning of the target financial year	[Excluded Payee Payment Type List] = PSI PSA, VOL or LAB [Business Source Code List] = (B + Last 2 numbers of the Target Financial Year Start Year), (B + Last 2 numbers of the Target Financial Year End Year), 'CAO', 'PUR' or 'CLI'	-100

Detection Method ID	Detection Method Description Text	Parameters	Weighting
<p>DM_CUST_EVNT_0108_S2 DM_CUST_EVNT_0123_S2 2.10</p>	<p>Purpose: Exclude Include where customer is not a Full Time Student during for all of the PAYG Payment Summary dates, received NSS or PGA during the PAYG Payment Summary dates, and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income Less greater Than the (NSS/PGA) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income greater Less Than the Income Free Area (NSS/PGA) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income greater Less Than the Income Free Area (NSS/PGA) 	<p>[NSS or PGA Benefit Status List]= 'CUR', 'SUS', 'ASS' [NSS or PGA Benefit System-Type list] = 'AUS', 'NSA', 'PTA', 'SKA', 'SPL', 'WDA', 'YAL', 'PPP', 'NSS', 'PGA' [Full Time Study Benefit Type List] = 'AUS', 'YAL' [Full Time Student Benefit Status List] = 'CUR', 'ASS', 'SUS' [Excluded Payee Payment Type List]= 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [Full Time Study Status] = 'FTS', 'FTT', 'APP', 'APA' [PTR PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	<p>-100+1</p>

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0116_S2 2.11 (for customer)	<p>Purpose: Exclude Include where customer is a Full Time Student during for all of the PAYG Payment Summary dates, and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income greater Less Than the Income Free Area (NSS Student) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income greater Less Than the Income Free Area (NSS Student) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income greater Less Than the Income Free Area (NSS Student) 	<p>[Full Time Study Benefit Type List] = 'AUS', 'YAL' [Full Time Student Benefit Status List] = 'CUR', 'ASS', 'SUS' [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [Full Time Study Status] = 'FTS', 'FTT', 'APP', 'APA' [PTR PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	<p>-1300</p>

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0110_S2 2.12	<p>Purpose: Exclude Include where customer is not a Full Time Student for all of during the PAYG Payment Summary dates, received YAL during the PAYG Payment Summary dates and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income greater less Than the Income Free Area (YAL Jobseeker) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income greater less Than the Income Free Area (YAL Jobseeker) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income greater less Than the Income Free Area (YAL Jobseeker) 	<p>[YAL Jobseeker Benefit Status List] = 'CUR', 'ASS', 'SUS' [YAL Jobseeker Benefit Type list] = 'YAL' [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [Full Time Study Status] = 'FTS', 'FTT', 'APP', 'APA' [Full Time Study Benefit Type List] = 'AUS', 'YAL' [Full Time Student Benefit Status List] = 'CUR', 'ASS', 'SUS' [PTR PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	<p>-1+00</p>

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0111_S2 2.13, 2.14 & 2.15	<p>Purpose: Exclude Include where customer received PEN during the PAYG Payment Summary dates and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income greater less Than the Income Free Area (PEN Single) • Partnered during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + unearned income + real estate income + business income + half of partner's Payment Summary Gross payments + partner's unearned income + partner's real estate income + partner's business income greater less Than the Income Free Area (PEN Partnered) 	<p>[PEN Benefit Type list] = 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RHB', 'WFA', 'WFD', 'WHD',</p> <p>[Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'</p> <p>[PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	-1100
DM_CUST_EVNT_0112_S2 2.16 & 2.17	<p>Purpose: Exclude Include where a customer not on any payment (i.e. is a Non Customer Partner) for all of the PAYG Payment Summary dates, and the partner is either:</p> <ul style="list-style-type: none"> • On NSS or PGA during the PAYG Payment Summary dates and customers Payment Summary + customers unearned income + customers real estate income + customers business income is greater less Than the Income Free Area (NCP & NSS/PGA) • on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross Payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income greater less Than the Income Free Area (NCP & PEN) 	<p>[NSS or PGA Benefit Status List] = 'CUR', 'ASS', 'SUS'</p> <p>[NSS or PGA Benefit Type list] = 'AUS', 'DRP', 'ECP', 'FFR', 'NMA', 'NSA', 'PTA', 'SKA', 'SPL', 'WDA', 'YAL', 'YTA', 'PPP', 'PGA'</p> <p>[PEN Benefit Type List] = 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RHB', 'WFA', 'WFD', 'WHD',</p> <p>[PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p> <p>[Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'</p>	-1100

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0113_S2 2.19	Purpose: Customer has Debts raised for the period of employment where debt amount is greater than 95% of the Payment Summary Gross Payments.	[Debt Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'WFD', 'YAL' [Debt Reason List] = 'IES', 'IPN', 'ISI', 'IEP', 'OIS', 'OIP', 'UCE', 'UCP', 'RIC', 'QFE' or 'IPE' [n days] = 14 days [m days] = 14 days [Debt Amount %] = 95% [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'	0
DM_CUST_EVNT_0114_S2 2.20	Purpose: Customer has Debts raised in the target financial year.	[Debt Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'WFD', 'YAL' [Debt Reason List] = 'IES', 'IPN', 'ISI', 'IEP', 'OIS', 'OIP', 'UCE', 'UCP', 'RIC', 'QFE' or 'IPE' [Debt Amount %] = 95% [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'	0
DM_CUST_EVNT_0115_S2 2.21	Purpose: No income from employment was declared in the target financial year.	[Risk Rating Level] = 'NOEARN'	0
DM_CUST_EVNT_0117_S2 2.23	Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.	[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Customer received payment lower %] = 96 [Customer received payment higher %] = 100 [Risk Rating Level] = 'PAYG1' [TXGS Issue Type] = 'COR' or 'ORG'	0
DM_CUST_EVNT_0117_S2 2.24	Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.	[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Customer received payment lower %] = 70 [Customer received payment higher %] = 95 [Risk Rating Level] = 'PAYG2' [TXGS Issue Type] = 'COR' or 'ORG'	0
DM_CUST_EVNT_0117_S2 2.25	Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.	[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Customer received payment lower %] = 50 [Customer received payment higher %] = 69 [Risk Rating Level] = 'PAYG3' [TXGS Issue Type] = 'COR' or 'ORG'	0

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0117_S2 2.26	<p>Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.</p>	<p>[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL'</p> <p>[Customer received payment lower %] = 0</p> <p>[Customer received payment higher %] = 49</p> <p>[Risk Rating Level] = 'PAYGA'</p> <p>[TXGS Issue Type] = 'COR' or 'ORG'</p>	0
DM_CUST_EVNT_0118_S2 2.27	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than a specified amount.</p>	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' [Income Discrepancy Amount] = 500 000 [Risk Rating Level] = 'O' [TXGS Issue Type] = 'COR' or 'ORG' 	0
DM_CUST_EVNT_0119_S2 2.28	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than or equal to a specified amount and less than or equal to another specified amount.</p>	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' [Income Discrepancy Higher Amount] = 500,000 [Income Discrepancy Lower Amount] = 50,001 [Risk Rating Level] = 'M' [TXGS Issue Type] = 'COR' or 'ORG' 	0

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0119_S2 2.29	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than or equal to a specified amount and less than or equal to another specified amount.</p>	<ul style="list-style-type: none"> • [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' • [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' • [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' • [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' • [Income Discrepancy Higher Amount] = 50,000 • [Income Discrepancy Lower Amount] = 10,001 • [Risk Rating Level] = 'VH' • [TXGS Issue Type] = 'COR' or 'ORG' 	0
DM_CUST_EVNT_0119_S2 2.30	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than or equal to a specified amount and less than or equal to another specified amount.</p>	<ul style="list-style-type: none"> • [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' • [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' • [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' • [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' • [Income Discrepancy Higher Amount] = 10,000 • [Income Discrepancy Lower Amount] = 5001 • [Risk Rating Level] = 'H' • [TXGS Issue Type] = 'COR' or 'ORG' 	0

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0120_S2 2.31	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is less than a specified amount.</p>	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIP', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' [Income Discrepancy Amount] = 500 [Risk Rating Level] = 'L' [TXGS Issue Type] = 'COR' or 'ORG' 	0
	Assign Risk Rating Keyword. Implemented in BADI		

9.2.1 Fraud Alert Score Threshold

The initial Score Threshold for a Fraud Alert item to be raised is a Risk Score of greater than or equal to 10 points.

9.3 PAYG Customer Online Detection Risk Strategy (DS_PAYG_OL_001_S2)- Initial configuration format

This is the PAYG strategy and is run for the online detection stage. Fraud Alert Score Threshold

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0124_S2_2.1 (for customer or/and partner)	<p>Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the customer or/and partner has had a Benefit Status of where the Benefit Type Code matches.</p>	<p>[Benefit Status List] = 'CUR' 'ASS' 'SUS'</p> <p>[Benefit Type list] = 'AUS', 'NSA', 'PTA' 'SKA' 'SPL' 'WDA' 'YAL' 'PPP' 'AGE' 'BVA' 'CAR' 'DSP' 'PPS' 'WFA', 'WFD'.</p>	+10

Detection Method ID	Detection Method Description Text	Parameters	Weighting
<p>DM_CUST_EVNT_0100_S DM_CUST_EVNT_0121 S2 2.1 (for customer)</p>	<p>Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the customer has had a Benefit Status of where the Benefit Type matches. Include if at any time during the targeted financial year the customer has had a Benefit Status of where the System Code matches. Note this method is strictly for output of evaluation text. Weighting will be zero.</p>	<p>[Benefit Status List] = 'CUR', 'ASS', 'SUS'</p> <p>[Benefit Type list] = 'AUS', 'DRP', 'ECP', 'EFR', 'NMA', 'NSA', 'PTA', 'SKA', 'SPL', 'WDA', 'YAL', 'YTA', 'PPP', 'PGA', 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RHB', 'WFA', 'WFD', 'WID', 'PPL'</p>	+100
<p>DM_CUST_EVNT_0101_S DM_CUST_EVNT_0122 S2 2.1 (for partner)</p>	<p>Purpose: Include if at any time during the earliest PAYG start date and latest PAYG end date during targeted financial year the partner has had a Benefit Status of where the Benefit Type matches. Include if at any time during the targeted financial year the partner has had a Benefit Status of where the System Code matches. Note this method is strictly for output of evaluation text. Weighting will be zero.</p>	<p>[Benefit Status List] = 'CUR', 'ASS', 'SUS'</p> <p>[Benefit Type list] = 'AUS', 'DRP', 'ECP', 'EFR', 'NMA', 'NSA', 'PTA', 'SKA', 'SPL', 'WDA', 'YAL', 'YTA', 'PPP', 'PGA', 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RHB', 'WFA', 'WFD', 'WID', 'PPL'</p>	+100
<p>DM_CUST_EVNT_0102_S 2 2.3</p>	<p>Purpose: Exclude where customer is single and recorded as legally blind during the PAYG Payment Summary dates, or customer is partnered and both customer and partner recorded as legally blind during the PAYG Payment Summary dates recorded as legally blind.</p>		-100
<p>DM_CUST_EVNT_0103_S 2 2.4</p>	<p>Purpose: Exclude where customer is deceased and Date of Death is more than the assigned number of days before the current date</p>	<p>[Assigned number of days] = 187 days</p>	-100
<p>DM_CUST_EVNT_010412 S2 2.5</p>	<p>Purpose: Exclude where customer has received less than the assigned minimum pension or benefit amount in Centrelink Payments for the financial year</p>	<p>[TXGD Benefit Type List] = 'AGE', 'AUS', 'BVA', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'WID', 'YAL'</p> <p>[TXGS Issue Type] = 'COR', 'ORG'</p> <p>[Assigned minimum pension or benefit amount] = 1000</p> <p>[Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	-100

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0105_S 2 2.6 & 2.7	Purpose: Exclude matched Payment Summary records for specified Payment Types (either Eligible Termination Payment or Superannuation Payment records)	<i>[Excluded Payee Payment Type List]</i> = 'EMP', 'ETP', 'ETS', 'DSP' or 'SLS' or 'SPN'	-100
DM_CUST_EVNT_010612 6 S2 2.8	Purpose: Exclude matched Payment Summary records where the Payment Summary type is one of INB, VOL, or LAB, and the period of the Payment Summary record does not overlap any period that the customer was in receipt of payment based on the Start and End Dates found in the Tax Payment Summary Details	<i>[Excluded Payee Payment Type List]</i> = <u>FEL</u> INB, VOL or LAB <i>[TXGD Benefit Type List]</i> = 'AGE', 'AUS', ' <u>BVA</u> ', 'CAR', 'DSP', ' NAAA ', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', ' WHD ', 'YAL' <i>[Benefit Status List]</i> = 'CUR' 'ASS' ' <u>SUS</u> '	-100
DM_CUST_EVNT_0107_S 2 2.9	Purpose: Exclude matched Payment Summary records where the Payment Summary type is one of PSA, VOL, or LAB, and the customer has declared business income to Centrelink after the beginning of the target financial year	<i>[Excluded Payee Payment Type List]</i> = <u>PSI</u> PSA, VOL or LAB <i>[Business Source Code List]</i> = (B + Last 2 numbers of the Target Financial Year Start Year), (B + Last 2 numbers of the Target Financial Year End Year), 'CAO', 'PUR' or 'CLI'	-100

Detection Method ID	Detection Method Description Text	Parameters	Weighting
<p>DM_CUST_EVNT_0108_5 DM_CUST_EVNT_0123 <u>S2</u> 2.10</p>	<p>Purpose: Exclude/Include where customer is not a Full Time Student for all of during the PAYG Payment Summary dates, received NSS or PGA during the PAYG Payment Summary dates, and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income Less Than Greater the (NSS/PGA) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income Greater Less Than the Income Free Area (NSS/PGA) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income Less Greater Than the Income Free Area (NSS/PGA) 	<p>[NSS or PGA Benefit Status List]= 'CUR', 'SUS', 'ASS' [NSS or PGA Benefit System-Type list] ='<u>AUS</u>' '<u>NSA</u>' '<u>PTA</u>' '<u>SKA</u>' '<u>SPL</u>' '<u>WDA</u>' '<u>YAL</u>' '<u>PPP</u>' '<u>NSS</u>' '<u>PGA</u>' [Full Time Study Benefit Type List] = 'AUS', 'YAL' [Full Time Student Benefit Status List] = 'CUR', 'ASS', 'SUS' [Excluded Payee Payment Type List]= 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [Full Time Study Status] = 'FTS', 'FTT', 'APP', 'APA' [PTR PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	<p>+1-100</p>

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0116_S 2 2.11 (for customer)	<p>Purpose: Exclude<u>Include</u> where customer is a <u>Full Time Student</u> for all of during the PAYG Payment Summary dates, and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income <u>Greater</u> Less Than the Income Free Area (NSS Student) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income <u>Greater</u> Less Than the Income Free Area (NSS Student) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income <u>Greater</u> Less Than the Income Free Area (NSS Student) 	<p>[Full Time Study Benefit Type List] = 'AUS', 'YAL' [Full Time Student Benefit Status List] = 'CUR', 'ASS', 'SUS' [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [Full Time Study Status] = 'FTS', 'FTT', 'APP', 'APA' [PTR PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	<p><u>+1</u> -100</p>

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0110_S 2 2.12	<p>Purpose: Exclude<u>Include</u> where customer is not a Full Time Student during for all of the PAYG Payment Summary dates, received YAL during the PAYG Payment Summary dates and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income <u>Greater</u> Less-Than the Income Free Area (YAL Jobseeker) • Partnered and partner not on PEN during the PAYG Payment Summary dates and Payment Summary Gross Payments + unearned income + real estate income + business income <u>Greater</u> Less-Than the Income Free Area (YAL Jobseeker) • Partnered and partner on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income <u>Greater</u> Less-Than the Income Free Area (YAL Jobseeker) 	<p>[YAL Jobseeker Benefit Status List] = 'CUR', 'ASS', 'SUS' [YAL Jobseeker Benefit Type list] = 'YAL' [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [[Full Time Study Status] = 'FTS', 'FTT', 'APP', 'APA' [Full Time Study Benefit Type List] = 'AUS', 'YAL' [Full Time Student Benefit Status List] = 'CUR', 'ASS', 'SUS' [PTR PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	<p>+1-100</p>

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0111_S 2 2.13, 2.14 & 2.15	<p>Purpose: Exclude<u>Include</u> where customer received PEN during the PAYG Payment Summary dates and is either:</p> <ul style="list-style-type: none"> • Single and Payment Summary Gross Payments + unearned income + real estate income + business income <u>Greater</u> Less Than the Income Free Area (PEN Single) • Partnered during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + unearned income + real estate income + business income + half of partner's Payment Summary Gross payments + partner's unearned income + partner's real estate income + partner's business income <u>Greater</u> Less Than the Income Free Area (PEN Partnered) 	<p>[PEN Benefit System list] = 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RWB', 'WFA', 'WFD', 'WHD',</p> <p>[Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'</p> <p>[PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p>	<p><u>+1</u> -100</p>
DM_CUST_EVNT_0112_S 2 2.16 & 2.17	<p>Purpose: Exclude<u>Include</u> where a customer not on any payment (i.e. is a Non Customer Partner) for all of the PAYG Payment Summary dates, and the partner is either:</p> <ul style="list-style-type: none"> • On NSS or PGA during the PAYG Payment Summary dates and customers Payment Summary + customers unearned income + customers real estate income + customers business income is Less <u>Greater</u> Than the Income Free Area (NCP & NSS/PGA) • on PEN during the PAYG Payment Summary dates and half of Payment Summary Gross Payments + half of unearned income + half of real estate income + half of business income + half of partner's Payment Summary Gross Payments + half of partner's unearned income + half of partner's real estate income + half of partner's business income Less <u>Greater</u> Than the Income Free Area (NCP & PEN) 	<p>[NSS or PGA Benefit Status List] = 'CUR', 'ASS', 'SUS'</p> <p>[NSS or PGA Benefit Type list] = 'AUS', 'DRP', 'ECP', 'FER', 'NMA', 'NSA', 'PTA', 'SKA', 'SPL', 'WDA', 'YAL', 'YTA', 'PPP', 'PGA'</p> <p>[PEN Benefit Type List] = 'AGE', 'BVA', 'CAR', 'DSP', 'DWS', 'MAA', 'PPS', 'RWB', 'WFA', 'WFD', 'WHD',</p> <p>[PEN Benefit Status List] = 'CUR', 'ASS', 'SUS'</p> <p>[Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'</p>	<p><u>+1</u> -100</p>

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0113_S 2 2.19	Purpose: Customer has Debts raised for the period of employment where debt amount is greater than 95% of the Payment Summary Gross Payments.	[Debt Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'WFD', 'YAL' [Debt Reason List] = 'IES', 'IPN', 'ISI', 'IEP', 'OIS', 'OIP', 'UCE', 'UCP', 'RIC', 'QFE' or 'IPE' [n days] = 14 days [m days] = 14 days [Debt Amount %] = 95% [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'	0
DM_CUST_EVNT_0114_S 2 2.20	Purpose: Customer has Debts raised in the target financial year.	[Debt Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'WFD', 'YAL' [Debt Reason List] = 'IES', 'IPN', 'ISI', 'IEP', 'OIS', 'OIP', 'UCE', 'UCP', 'RIC', 'QFE' or 'IPE' [Debt Amount %] = 95% [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN'	0
DM_CUST_EVNT_0115_S 2 2.21	Purpose: No income from employment was declared in the target financial year.	[Risk Rating Level] = 'NOEARN'	0
DM_CUST_EVNT_0117_S 2 2.23	Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.	[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Customer received payment lower %] = 96 [Customer received payment higher %] = 100 [Risk Rating Level] = 'PAYG1' [TXGS Issue Type] = 'COR' or 'ORG'	0
DM_CUST_EVNT_0117_S 2 2.24	Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.	[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Customer received payment lower %] = 70 [Customer received payment higher %] = 95 [Risk Rating Level] = 'PAYG2' [TXGS Issue Type] = 'COR' or 'ORG'	0
DM_CUST_EVNT_0117_S 2 2.25	Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.	[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NAAA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Customer received payment lower %] = 50 [Customer received payment higher %] = 69 [Risk Rating Level] = 'PAYG3' [TXGS Issue Type] = 'COR' or 'ORG'	0

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0117_S 2 2 26	Purpose: The percentage of the number of days customer was in receipt of a qualifying benefit payment during the financial year is greater than or equal to a specified percentage, but less than another specified percentage.	[TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Customer received payment lower %] = 0 [Customer received payment higher %] = 49 [Risk Rating Level] = 'PAYG4' [TXGS Issue Type] = 'COR' or 'ORG'	0
DM_CUST_EVNT_0118_S 2 2 27	Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than a specified amount.	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' [Income Discrepancy Amount] = 500 000 [Risk Rating Level] = 'O' [TXGS Issue Type] = 'COR' or 'ORG' 	0
DM_CUST_EVNT_0119_S 2 2 28	Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than or equal to a specified amount and less than or equal to another specified amount.	<ul style="list-style-type: none"> [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' [Income Discrepancy Higher Amount] = 500,000 [Income Discrepancy Lower Amount] = 50,001 [Risk Rating Level] = 'M' [TXGS Issue Type] = 'COR' or 'ORG' 	0

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0119_S 2 2 29	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than or equal to a specified amount and less than or equal to another specified amount.</p>	<ul style="list-style-type: none"> • [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' • [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' • [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' • [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' • [Income Discrepancy Higher Amount] = 50,000 • [Income Discrepancy Lower Amount] = 10,001 • [Risk Rating Level] = 'VH' • [TXGS Issue Type] = 'COR' or 'ORG' 	0
DM_CUST_EVNT_0119_S 2 2 30	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is greater than or equal to a specified amount and less than or equal to another specified amount.</p>	<ul style="list-style-type: none"> • [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' • [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' • [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' • [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIF', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' • [Income Discrepancy Higher Amount] = 10,000 • [Income Discrepancy Lower Amount] = 5001 • [Risk Rating Level] = 'H' • [TXGS Issue Type] = 'COR' or 'ORG' 	0

Detection Method ID	Detection Method Description Text	Parameters	Weighting
DM_CUST_EVNT_0120_S 2 2 31	<p>Purpose: The Discrepancy between the assessed Total ATO Income amount and the declared Centrelink Income is less than a specified amount.</p>	<ul style="list-style-type: none"> • [Excluded Payee Payment Type List] = 'EMP', 'ETP', 'ETS', 'DSP', 'SLS' or 'SPN' • [TXGD Benefit Type List] = 'AGE', 'AUS', 'CAR', 'DSP', 'NMA', 'NSA', 'PPP', 'PPS', 'PTA', 'SKA', 'SPL', 'WDA', 'WFA', 'WFD', 'YAL' • [Income Maintenance Period Income Type List] = 'GHS', 'LON', 'LSL', 'LVL', 'MAT', 'RDN', 'REC', 'RPH', 'SCK' • [Other Income Type List] = 'BOA', 'BOL', 'CDO', 'DPI', 'DRP', 'ECP', 'EGP', 'ELS', 'EMS', 'FFR', 'GIF', 'GOS', 'IRL', 'LIP', 'LOA', 'LOD', 'NXD', 'NXS', 'OTH', 'PNA', 'PNM', 'PNP', 'PRO', 'PSA', 'PSS', 'ROC', 'VCI' • [Income Discrepancy Amount] = 500 • [Risk Rating Level] = 'L' • [TXGS Issue Type] = 'COR' or 'ORG' 	0
	Assign Risk Rating Keyword. Implemented in BADI		

The initial Score Threshold for a Fraud Alert item to be raised is a Risk Score of greater or equal to 110 points.

10 System Testing

10.1 Business Acceptance Criteria

User Specification Sign off from the Business Owner must be completed before the functionality detailed in this specification is released. The final decision as to the release of this functionality shall be the responsibility of the Business Owner.

The Business Owner shall be provided with a testing report, covering all aspects of the testing, including any known outstanding test queries or system shortcomings.

The following criteria must be met before the system changes are implemented, and signed off by the Business Owner:

- Testing report, stating any outstanding test queries, tests that have not been completed and recommendation that the system changes are or are not accepted as ready for implementation;
- Testing to be confirmed and signed off by the Business Integrity Applications Section;

Any unresolved system problems may be accepted by the Business Owner, based on consideration and acceptance of any risks attached to implementing known problems or shortcomings.

10.2 Enterprise Testing Branch

Testing is required to inspect the integrity of the matching and extraction processes performed on the data as well as the data itself. The Adelaide Enterprise Testing (ET) Branch team will create test cases in the Quality Centre (QC) and use the Test Data Facility (~~TDF~~) (where applicable) to select appropriate records for testing.

The records selected for testing will be available in the testing APSY to perform the test scripts on and ensure correct results are achieved.

ET will independently test these changes and this includes: requirements traceability, test preparation, writing and execution.

The ET team provide daily reports on the progress of testing and results of each test are documented within QC. At the end of the testing release ET will provide a Sign-Off report.

Test Suites for the testing of this task are available in the testing documents listed above.

10.3 In house testing

Some aspects may be tested in house, subject to approval from ET.

Where In house testing occurs, daily reports will be prepared for inclusion in ET reports. Final approval of the in house testing results rests with ET.

10.1 Testing Information

To assist with MI testing, please refer to the MI section of this document.

To assist with testing of the detection methods and strategies, please refer to the Detection Methods and Detection Strategy sections of this document. It will also be necessary to refer to the Internal Data section of this specification, to understand where the Detection Methods are sourcing data from. Detection Strategy implementation will occur in Fraud Management, so it will be necessary to verify that application to ensure the specification has been implemented correctly.

Risk selections are output in the SIMS system, so for integration testing it will be necessary to check that application. Please refer to the SIMS specification for more information.

11 Appendices

11.1 Income Free Area

Some of the Methods use the income free area. The income free are is different for customers with different circumstances. As of the date of the first release of this user specification, the below fields that are derived from ISIS are used to find the customers income free area.

Data Item	Data Description	Customer Record		HANA Table Name	HANA Field Name	Value (as of date of this User Specification)
		File Name	Field Name			
Customer's Parenting Income Free Amount						
PGA Income Free Area	The current Income Free Area for PGA Payment Types)	IS1REFRO PGA.RATES. xxxxxxxx	PGA.SINGLE.F REE.AREA AM T	REF_DATA_MULT_CO L	CHILD_PK_VALUE WHERE TABLE_NAME = 'PGA_RATES_xxxxxxxxx'	\$162.00
PGA Partner Income Free Area	The current Income Free Area for PGA Partnered customer	IS1REFRO PGA.RATES. xxxxxxxx	PGA.FREE ARE A AMT	REF_DATA_MULT_CO L	CHILD_PK_VALUEWHER E TABLE_NAME = 'PGA_RATES_xxxxxxxxx'	\$102.00
Customer's Newstart Income Free Amount						
NSS Income Free Area	The current Income Free Area for NSS Payment Types)	IS1REFRO NSS.RATES x xxxxxxxx	IT.IFAA	REF_DATA_MULT_CO L	CHILD_PK_VALUE WHERE TABLE_NAME = 'NSS_RATES_xxxxxxxxx'	\$102.00
Student Income Free Amt	The current Income Free Area for Student Payment Types)	IS1REFRO NSS.RATES x xxxxxxxx	YAL.IFAA	REF_DATA_MULT_CO L	CHILD_PK_VALUE WHERE TABLE_NAME = 'NSS_RATES_xxxxxxxxx'	\$433.00
YAL Jobseeker Income Free Amt	The current Income Free Area for YAL Jobseeker Payment Types)	IS1REFRO NSS.RATES x xxxxxxxx	YAL.OTHER.IF AA	REF_DATA_MULT_CO L	CHILD_PK_VALUE WHERE TABLE_NAME = 'NSS_RATES_xxxxxxxxx'	\$143.00
NCP Partnered NSS Income Free Area /NCP Partnered PGA Income Free Area	The NCP Partnered Income Free Area	IS1REFRO NSS.RATES x xxxxxxxx	INC.THRSHLD. PTNRD.21.PL US	REF_DATA_MULT_CO L	CHILD_PK_VALUE WHERE TABLE_NAME = 'NSS_RATES_xxxxxxxxx'	\$927.84
Customer's Pension Income Free Amount						
PEN Income Free Area	The Pension Income Amount for the customer	PNAW	PNCR.BASE.IN C.FREE.AREA. AMT	PNAW_PAW_PNCR	PNCR_BASE_INC_FREE_ AREA_AMT	Variable – stored on the Customer's record
PEN dependent child Income Free Area	The Pension Income Amount for the additional dependent child	PNAW	PNCR.DEP.CHI LD.FREE.AREA AMT	PNAW_PAW_PNCR	PNCR_DEP_CHILD_FREE_ AREA_AMT	Variable – stored on the Customer's record