

Frequently Asked Questions on the Data Collection Gateway (“DCG”)

S/N	Questions	MAS’ Responses
<u>General Questions</u>		
1.	What are the operating hours for DCG?	DCG is an online platform and will be available for data submission anytime except when DCG or MASNET is undergoing system maintenance. For scheduled system maintenance, MAS will publish the maintenance notification on MASNET three days in advance.
2.	Will there be 24-hour round-the-clock helpdesk support for DCG?	For IT-related issues, ¹ please contact MAS at helpdesk@mas.gov.sg or +65 6229 9688. ² If you require help on DCG features/functionality ³ or would like to provide feedback about the DCG, please contact dcg@mas.gov.sg. [Updated on 30 July 2021]
<u>Submission Process</u>		
1.	How will users be notified that the reporting links are available?	A notification email will be sent to users’ MASNET email accounts.
2.	What are the file formats which are accepted by DCG? Are there any size constraints on the submission of XML files?	The modes of submission will be web forms or XML/Excel uploads through the DCG portal. Each uploaded file should not exceed 10 MB.
3.	Are there validation rules built into DCG?	Validation rules are built into DCG, and the types of rules depend on the return that is being submitted through the DCG.

¹ Such as login issues and MASNET account administration (e.g. assigning application role).

² Available from 8.30am to 6pm, Monday to Friday, except Public Holidays.

³ Such as DCG’s features/functionality (e.g. how to upload a file).

		[Updated on 30 July 2021]
4.	Is there a way to do Straight Through Processing (STP) via API submission to MAS?	API submission is currently not supported on DCG. MAS will explore this option, in consultation with the industry for possible future implementation.
5.	I am unable to access the “Draft Return” page in the menu.	Please check with your MASNET Liaison Officer to ensure that you have been assigned the correct permissions/roles. [Updated on 18 August 2020]
<u>Resubmission</u>		
1.	How can I re-submit a return if needed?	Reporting Entities may request for resubmission via the “Request Resubmission” button. Reporting Entities will be required to provide details of the request (e.g. reason for resubmission) in the web form.
<u>Viewing & Printing Past Submissions</u>		
1.	Are past submissions print-formatted and available for direct printing from DCG?	Yes, past submissions may be viewed in “Submission History” in DCG, and a PDF of the submitted reporting forms may be printed.
<u>MAS Notice 610 and 1003 (“the Revised Notices”) Submissions</u>		
1.	Will there be variance check rules for the Revised Notices? How would Reporting Entities provide responses to the variance checks?	There are no variance checks built into DCG. MAS tracks large movements in the data reported and will reach out to the Reporting Entities via email to understand the reason for these movements. MAS will send FIs the first set of email queries from late July 21, based on the data submitted in the May 21 and Jun 21 reporting cycles. Reporting Entities are expected to respond between 3 and 7 working days, depending on the scale of the clarifications sought.

		<p>MAS will provide Reporting Entities with their variance analysis reports by email. The response format will be provided to the Reporting Entities.</p> <p style="text-align: right;">[Updated on 31 March 2021]</p>
2.	Are there validation rules built into DCG?	Yes. The list of business rules for cross-validation and dependencies was provided to Reporting Entities on December 2019 ⁴ .
3.	For cross-validation rules across appendices, are there any threshold allowances for rounding differences?	<p>There are no threshold allowances at the moment.</p> <p>In December 2021, to support data collection at a higher precision level, a small threshold of +/- 0.1 (i.e. one hundred dollars) will be incorporated into the validation rules to allow for rounding differences to pass through the DCG.</p> <p>The current XSD file allows reporting of up to 14 integers and no decimal places ("14-0 XSD"). The XSD file will be revised in December 2021 to accommodate reporting of up to 19 integers and 9 decimal places ("19-9 XSD"). Current XML files based on 14-0 XSD will be compatible with the revised 19-9 XSD at least until December 2022 (i.e. one year following the addition of the option to report using the 19-9 XSD).</p> <p>A bank or merchant bank that wishes to report to the nearest Singapore dollar should adopt the 19-9 XSD and report to three decimal places accordingly. For example, if the data value is S\$1,234,567.89, this will be reported as 1234.568 if the reporting precision is to the nearest Singapore dollar, and 1234.56789 if the reporting precision is to the cent.</p> <p>A bank or a merchant bank that elects to report to the nearest thousands of Singapore dollars can remain on the 14-0 XSD, or adopt the 19-9 XSD and</p>

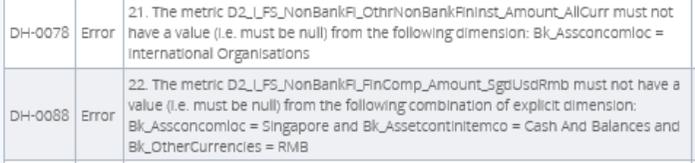
⁴ The list of business validation rules is available on the MAS Notice 610/1003 webpage at <https://www.mas.gov.sg/regulation/notices/notice-610>; <https://www.mas.gov.sg/regulation/notices/notice-1003>.

		<p>report in integers only, without facing submission issues on DCG. However, for future changes to the Notices, MAS will only be incorporating changes to the 19-9 XSD (“new 19-9 XSD”) and not the 14-0 XSD. All XSD-submitting banks and merchant banks, including those that currently remain on the 14-0 XSD, will need to adopt the new-19-9 XSD when the Notices are next revised.</p> <p>[Updated on 30 July 2021]</p>
4.	The reporting appendices are prepared by different departments. Can the system accept partial upload of the reporting file by reporting appendices?	<p>Users may upload reporting appendices separately onto DCG <u>to facilitate checking</u> against the in-built validation rules.</p> <p>However, all reporting forms/appendices must be uploaded in DCG as a single file before submission. Users must combine all reporting forms/appendices into a single file outside of DCG before uploading. There is therefore no “partial” uploading of reporting appendices <u>for submission</u>. The single file with all reporting forms must pass the validation rules checks before it can be submitted.</p>
5.	When will the reporting links be made available to Reporting Banks?	<p>The reporting links will be available from the last day of the relevant reporting month. Separate reporting links will be made available for quarterly, half-annual and annual reporting.</p> <p>Reporting links are found under the “Draft Returns” page, differentiated by reporting frequency, reporting date and submission due date. (More details can be found in the DCG User Guide.)</p>
6.	If some appendices are not applicable based on a bank’s business activity, does MAS still require a nil submission?	<p>Yes, DCG allows Reporting Entities to declare nil returns for activities that are not applicable. Reporting Entities can indicate “Yes” or “True” on Appendix A1(1) for the respective appendices which they are submitting a nil return.</p> <p>[Updated on 30 June 2021]</p>

7.	My Reporting Entity does not conduct Islamic Finance activities. Do I need to fill up the reporting appendix with zeros?	<p>Reporting Entities should indicate option "TRUE" in Column C in Form A1 for reporting forms that are not applicable.</p> <p>For data fields which are not applicable (e.g. "Savings deposits" and "Savings with checking facility" in Form B2_2_1 for Merchant Banks), please leave those fields blank.</p>
8.	For local banks, how do we submit returns for overseas branches and subsidiaries?	Separate reporting links will be available in DCG for each overseas branch and subsidiary.
9.	Can MAS make available sample files for testing purposes?	<p>A sample XML file is available on the MAS website⁵. It can be used together with the XML Schema-Excel mapping template, which MAS had published earlier, to facilitate the preparation of XML submission files. The XML Schema-Excel mapping template indicates the data field labels (e.g. metric, data type and dimension) used in the XML Schema for each input cell.</p> <p style="text-align: right;">[Updated on 18 August 2020]</p>
10.	I am unable to view my data in DCG after uploading my XML file successfully.	<p>If you have included the 'Periodicity' element in your XML, please exclude it and try to upload again. We have updated the XSD posted on the MAS website by removing the 'Periodicity' element.</p> <p>Since September 2020, we have updated DCG such that the inclusion of the 'Periodicity' element in the XML submission would not affect the Reporting Entity's ability to view your data in DCG.</p> <p style="text-align: right;">[Updated on 1 February 2021]</p>

⁵ The sample XML file is available on the MAS Notice 610/1003 webpage at <https://www.mas.gov.sg/regulation/notices/notice-610>; <https://www.mas.gov.sg/regulation/notices/notice-1003>.

11.	The status of the return is shown as “No Data” even though the data has been uploaded.	<p>Please check the following:</p> <ol style="list-style-type: none"> 1. You marked “Yes” or “True” on Appendix A1(1) which indicates that your bank is submitting a nil return for the selected appendix. Even if data is submitted for that selected appendix, the system will register that there is no data to align with the “Yes” or “True” submitted in Appendix A1(1). 2. There are no “Periodicity” or “OrganisationID” elements in the XML. 3. The formatting in the XML file, by referring to the documents listed in Question 14 below. <p style="text-align: right;">[Updated on 30 July 2021]</p>
12.	Why am I not able to see the data I have submitted in the DCG web form?	<p>Please check if you have marked “Yes” or “True” on Appendix A1(1) which indicates that your bank is submitting a nil return for the selected appendix. Even if data is submitted for that selected appendix, the system will register that there is no data to align with the “Yes” or “True” submitted in Appendix A1(1).</p> <p style="text-align: right;">[Updated on 30 July 2021]</p>
13.	I encountered ‘Primary key must be unique’ validation error. What does it mean?	<p>This error message will be shown if you have replicated the same line item in certain tables.</p> <p>Please refer to Annex 2 for the comprehensive list of primary keys.</p> <p style="text-align: right;">[Updated on 30 June 2021]</p>

14.	<p>I encountered a list of metric error messages. Please refer to the screenshot below for an example and advise how I can resolve them.</p> 	<p>Metric errors indicate formatting issues with the XML. Please refer to the following documents⁶ to prepare your XML submission files correctly:</p> <ul style="list-style-type: none"> (i) XSD (ii) XML Schema-Excel Mapping Template (iii) Sample XML File <p style="text-align: right;">[Updated on 18 August 2020]</p>
15.	<p>We encountered the error message "Primary key must be unique" and noted multiple repeat folders generated upon uploading for DCG validation.</p>	<p>Please use the latest submission template available on MAS Notice 610/1003 webpage. The generation of multiple repeat folders reflects duplicated or unidentified line items, fields and tables in the uploaded submission.</p> <p style="text-align: right;">[Updated on 30 June 2021]</p>
16.	<p>I have uploaded both the monthly and the quarterly returns into DCG.</p> <p>However, even though I have checked that all the values tally, I keep encountering validation errors. Does it mean that we need to submit the monthly returns first before proceeding with the uploading of quarterly returns?</p>	<p>To pass validation rules that validates data across returns with different periodicities, the return with a higher frequency of submission must be submitted and approved first.</p> <p>For example, the monthly & cash returns must be submitted and approved before users upload the quarterly returns. If this is not done, you will encounter several validation rule failures when submitting the quarterly returns as the quarterly returns are being compared against missing monthly & cash returns.</p> <p>Please note that such a scenario extends to the semi-annual and annual returns too. When annual returns are due, FIs should submit, the monthly, quarterly, semi-annual and annual returns in that order.</p> <p style="text-align: right;">[Updated on 30 June 2021]</p>

⁶ These documents are available at the following links:

- <https://www.mas.gov.sg/regulation/notices/notice-610>; and
- <https://www.mas.gov.sg/regulation/notices/notice-1003>.

17.	For Appendix G1_2, what does MAS mean by "one form for each material currency"?	When completing Form G1_2, FIs should copy rows 8 to 42 and paste them below each currency that needs to be reported. The currency to be reported should be indicated using the drop-down list in Column C. [Updated on 30 June 2021]
18.	Fields under "Notes to Reporting Forms" are not tagged as fields from Appendix K as per MAS 1003, but are tagged as fields from Appendix M.	The metric names for fields in Appendix K need not correspond with the letter of the Appendix in MAS 1003. [Updated on 30 June 2021]
19.	Can I use the webform excel file downloaded from DCG for submission?	Please use the excel submission templates found on the MAS website https://www.mas.gov.sg/regulation/notices/notice-610 instead of the webform excel file downloaded from DCG for submission. Using the wrong template will result in incorrect data submitted to MAS. [Updated on 30 July 2021]
Additional Questions Applicable only to the revised MAS 610 Parallel Run (For reference only)		
1.	Will there be 24-hour round-the-clock helpdesk support for DCG during the MAS 610 parallel run?	If you require assistance during the parallel run, or would like to provide feedback, please contact MAS at: <ul style="list-style-type: none"> • helpdesk@mas.gov.sg or +65 6229 9688⁷ for IT-related issues⁸, and • 610_1003consultation@mas.gov.sg for all other issues⁹. The parallel run will cease with the June 2021 reporting cycle and 610_1003consultation@mas.gov.sg will also be closed by end Aug 2021.

⁷ Available from 8.30am to 6pm, Monday to Friday, except Public Holidays.

⁸ Such as login issues and MASNET account administration (e.g. assigning application role).

⁹ Such as data definitions, validation rules, resubmission, DCG's features/functionality (e.g. how to upload a file).

		[Updated on 30 June 2021]
2.	<p>What are MAS' expectations during the parallel run, in terms of:</p> <p>(i) Data accuracy and completeness</p> <p>(ii) Potential actions taken on incorrect/ inaccurate data</p>	<p>Parallel run is intended to provide sufficient data points for MAS to make comparisons between the current and revised returns. Reporting Entities are expected to provide complete and accurate data for the revised MAS Notice 610 and MAS Notice 1003 on a best effort basis.</p> <p>MAS will reconcile the data fields between the current and revised MAS 610/1003 during the parallel run.</p> <p>From April 2021, MAS will engage Reporting Entities via email to seek clarifications on the differences between these two submissions.</p> <p>Depending on the number of clarifications, Reporting Entities are expected to respond to these queries between 3 and 7 working days. Where the differences are due to data submission errors, Reporting Entities are expected to complete their resubmissions within a reasonable window of time.</p> <p style="text-align: right;">[Updated on 31 March 2021]</p>
3.	<p>What are the reporting timelines for each parallel run submission?</p>	<p>Taking into account industry feedback, Reporting Entities must submit data for the <u>revised</u> MAS 610/1003 monthly submission no later than 20 calendar days after the last day of each month <u>for the parallel run</u>.</p> <p>For more information on the reporting timelines of the respective reporting levels and frequencies¹⁰ during the parallel run, please refer to Annex 1</p>

¹⁰ There will not be a parallel run for the revised MAS Notice 610/1003 annual submissions.

		<p>below. [The reporting timelines for the existing MAS Notice 610/1003 returns are unchanged.]</p> <p>If the day on which a Reporting Entity has to furnish any information is not a Business day, the Reporting Entity may furnish the information on the next Business day.</p> <p>[Updated on 1 February 2021]</p>
<p><u>Hybrid Solution to Resolve Rounding Differences</u></p>		
<p>1.</p>	<p>What is the difference between 14-0 XML Schema Definition (XSD) and 19-9 XSD? Can FIs adopt the 19-9 XSD and still report in the 14-0 reporting format?</p>	<p>The current reporting format (14-0) can be seen as a subset of the revised reporting format (19-9), where the 19-9 format allows FIs to report data at a higher precision level, of up to 9 decimal places.</p> <p>FIs that elect to remain on the status quo of 14-0 XSD will not face submission issues on DCG, as current XML files based on the 14-0 XSD are compatible with the 19-9 XSD. The latter also means that FIs can adopt the 19-9 XSD and continue submitting data in the 14-0 data format.</p> <p>However, FIs will not benefit from the threshold (+/-0.1) that MAS will be introducing into the validation rules to help reduce the number of errors arising from rounding differences.</p> <p>[Updated on 31 June 2021]</p>
<p>2.</p>	<p>The 19-9 XSD is able to accommodate reporting of up to 9 decimal places. If the data value is \$1,234,567.89, can we report to the nearest 100s of SGD, i.e. 1234.6?</p>	<p>FIs can decide how precise their reporting will be, so long as the reporting is at least to the nearest thousands (in the case of revised MAS 610).</p> <p>If the data value is S\$1,234,567.89, the FI should report 1234.6 if the desired reporting precision is to the nearest hundreds and 1234.56789 if the desired reporting precision is to the nearest cents.</p>

		[Updated on 31 July 2021]
3.	Why is the threshold for getting past validation rules just +/- 0.1 thousand? Can it be +/- 1 thousand? How does the threshold work?	<p>To ensure that the aggregated statistics are sufficiently accurate, MAS is unable to accept a threshold of +/- 1 thousand.</p> <p>How the threshold is intended to work can be exemplified via the following two examples:</p> <p>Suppose the LHS of a validation rule is 123.45678 and the RHS of a validation rule is 123.54321. As the difference between 123.45678 and 123.54321 is -0.08643, which falls within the threshold of +/- 0.1 (i.e. one hundred dollars) that will be incorporated into the validation rules for the 19-9 XSD, the submission will get past the DCG validation rules.</p> <p>Conversely, suppose the LHS of a validation rule is 123.45678 and the RHS of a validation rule is 123.56789. As the difference between 123.45678 and 123.56789 is -0.11212, which falls outside the threshold of +/- 0.1 (i.e. one hundred dollars), it will fail the DCG validation rules. Your FI will have to resubmit data to get past the validation rules.</p> <p style="text-align: right;">[Updated on 30 June 2021]</p>
4.	Does the validation rule threshold apply to FIs who are reporting in the 14-0 data format?	<p>The +/- 0.1 thousand threshold will only have any effect if the FI adopts the 19-9 XSD and reports to at least one decimal place.</p> <p>An FI can choose to report in the 14-0 data format either because the FI remains on the 14-0 XSD or adopts the 19-9 XSD but continues to report in the 14-0 data format. FIs which choose to remain on 14-0 will have to ensure that their figures tally to get past the validation rules.</p>

		<p>For example, suppose the data value to be submitted is S\$1,234,567.89. If the FI reports in the 14-0 data format, the submitted figure will be 1235, which cannot benefit from the +/-0.1 threshold provided.</p> <p>[Updated on 30 June 2021]</p>
5.	<p>We are using the Excel Submission Template (“EST”) for submission. As Excel does not support reporting of 28 numbers, can we still adopt higher-precision reporting and report in decimal places?</p>	<p>For FIs using the EST, please note that Microsoft Excel only stores data up to 15 digits in each cell. Numbers after the 15th digit will be automatically truncated. For example, a reporting value of 1,234,567,890.123456789 will be stored as 1,234,567,890.12345 in the EST.</p> <p>FIs should factor in this limitation when opting to report at a higher precision level using the EST. For example, FIs reporting data whose maximum value is just below one quadrillion (which requires 12 integers to capture) may consider reporting up to three decimal places and still keep within the 15 digits limit.</p> <p>[Updated on 30 June 2021]</p>
6.	<p>If the FI populates the value with accuracy of up to 5 decimal places in the EST, will DCG process the data with 5 decimal places though the excel display format is set to 0 decimal places shown?</p>	<p>DCG will process the data as submitted by the FI, and not based on how it is displayed. If the FI submits data up to 5 decimal places, DCG will receive data with 5 decimal places. Nevertheless, the constraint described in the response to question 5 applies.</p> <p>[Updated on 30 June 2021]</p>
7.	<p>Will the validation rule threshold of +/- 0.1 thousand be extended to the EST?</p>	<p>Yes. The threshold is applied to the validation rules, and will be applicable to data submitted via the EST. However, the constraint described in the response to question 5 applies.</p> <p>[Updated on 30 June 2021]</p>

8.	If the FI adopts 19-9 XSD, will the variance analysis queries from MAS still be sent in nearest thousands of Singapore dollars?	<p>The variance analysis queries for current MAS 610 are based on the magnitude of changes between submissions for the same data field. For convenience, we will indicate the figure that the FI has submitted (whether in thousands of Singapore dollars or otherwise).</p> <p>[Updated on 30 June 2021]</p>
9.	<p>Suppose the FI has adopted 19-9 XSD and successfully submitted 123.45678 (i.e. no issues with getting past validation) but the correct figure should have been 123.56789. Is re-submission required, since MAS is prepared to allow rounding of +/- 0.1 in the DCG which is 123.5 vs 123.6?</p>	<p>In cases where the FI discovers erroneous reporting, please contact MAS as per your usual practice (i.e. via supervisors) and provide the relevant details. MAS will assess the errors on a case-by-case basis. For the reporting error highlighted in the example, MAS can consider providing a waiver for the resubmission on the basis of immateriality.</p> <p>[Updated on 30 June 2021]</p>
10.	Can we adopt the 19-9 XSD at a later date after the final quarter of 2021 and would there be means for testing at that later date?	<p>FIs can choose when they wish to implement the revised 19-9 XSD between December 2021 and December 2022.</p> <ul style="list-style-type: none"> - We will set up a means for FIs to test their XMLs based on the revised 19-9 XSDs. - This will be announced together with the roll-out of the 19-9 XSDs for industry adoption. <p>FIs should note that MAS cannot offer an indefinite window of time to implement the revised 19-9 XSD.</p> <p>At some point, MAS will update/review the revised MAS 610, which may lead to revisions in the submission requirements (and hence a new XSD). Such updates will build on the 19-9 XSD.</p> <p>[Updated on 30 July 2021]</p>

11.	Is it acceptable that the monthly forms are implemented with “19-9” but the non-monthly forms remain in “14-0” as part of the transition planning?	<p>FIs should either adopt the 19-9 XSD or remain on the status quo of the 14-0 XSD for all periodicities (monthly, quarterly, etc.) and not adopt a mix of 19-9 XSD and 14-0 XSD for the different periodicities.</p> <p>We suggest that FIs adopt such an approach as there are validation rules which check for consistency of submissions across the monthly and non-monthly forms. The FI is more likely to run into issues with getting past the validation rules if the data format is different between monthly and non-monthly forms.</p> <p>[Updated on 30 July 2021]</p>
12.	Is there a hard deadline for FIs to move to the revised 19-9 XSD (which includes the incorporation of some of the previously deferred XSD changes) in future?	<p>There is no deadline for FIs to move to the 19-9 XSD as this is meant to be optional for the industry to adopt. However, for FIs who wish to adopt the revised 19-9 XSD, they should do so by December 2022.</p> <p>For future changes to revised MAS 610 (see response to question 10), MAS will only be incorporating such changes to the 19-9 XSD and not the 14-0 XSD.</p> <p>[Updated on 30 July 2021]</p>
13.	We require more than 1,000 characters for our responses in Appendix M. Can the bank remain on 14-0 XSD?	<p>The character limit in Appendix M will be increased from 1000 to 4000, and will be effected as part of the 19-9 XSD.</p> <p>If you require more than 1,000 characters, you should adopt the 19-9 XSD which will be released for industry implementation in Q4 2021.</p> <p>[Updated on 30 July 2021]</p>

Annex 1

Reporting timelines for Parallel Run:

1. **Monthly submissions (apart from Standalone level)** – no later than 20 calendar days after the last day of each month
2. **Quarterly and semi-annual submissions (apart from Consolidated and Standalone level)** – no later than 30 calendar days after the last day of each reporting period to which the form relates
3. **All Consolidated and Standalone level submissions** – no later than 45 calendar days after the last day of each reporting period to which the form relates

Annex 2 – List of primary keys

Schema Primary Key Item	Form Appendix Name
A1_BusinessCode	A1
A1_ReportingLevel	A1
Bk_Sfp_Assets	BU_MS610_B1
Bk_Assettype	BU_MS610_B1_2
Bk_Assettype	BU_MS610_B1_3
Bk_Sfp_Liabilities	BU_MS610_B2
Bk_Assettype	BU_MS610_B2_1
Bk_Residency	BU_MS610_B2_2_I
Bk_Deposits	BU_MS610_B2_2_I
Bk_OtherCurrencies	BU_MS610_B2_2_I
Bk_Amountsupto	BU_MS610_B2_2_II
Bk_Capitalfunds	BU_MS610_B2_3_I
Bk_Capitalfunds	BU_MS610_B2_3_II
Bk_Reserves	BU_MS610_B2_4
Bk_ContingentLiabilities	BU_MS610_B3_1
Bk_Commitments	BU_MS610_B3_2_I

Bk_Commitments	BU_MS610_B3_2_II
Bk_Trading	BU_MS610_B3_4_I
Bk_Tradinglocation	BU_MS610_B3_4_I
Bk_Tradinglocation	BU_MS610_B3_4_II
Bk_Trading	BU_MS610_B3_4_II
Bk_Tradinglocation	BU_MS610_B3_4_III
Bk_Trading	BU_MS610_B3_4_III
Bk_AssestUnderManagement	BU_MS610_B3_5
Bk_AssetsPledged	BU_MS610_B3_6
Bk_StructuredEntities	BU_MS610_B3_7
Bk_BankCorporationLocation	BU_MS610_C1_1
C1_2_Flcodes_NameBank	C1_2_InterBankInDebtByCountInSing
C1_2_ListOfBanks_NameBank	C1_2_InterBankInDebtByCountInSing
Bk_NetByAssLiab	BU_MS610_C1_3
C1_3_NetTotAsset_JurisdResid	BU_MS610_C1_3_Assets_Table
C1_3_NetTotalAsset_NameBankGroup	BU_MS610_C1_3_Assets_Table
C1_3_NetTotalLiab_NameBankGroup	BU_MS610_C1_3_Liab_Table
C1_3_NetTotLiab_JurisdResid	BU_MS610_C1_3_Liab_Table
C1_4_RelBanksInSingap_FiCode	C1_4_RelBanksInSing_Table
C1_4_RelBanksInSingap_ListOfBanks_NameBank	C1_4_RelBanksInSing_Table
C1_5_RelCorpInSingap_PleaseIndicRelat	C1_5_RelatedCorpsInSing_Table
C1_5_RelCorpInSingap_NameOfRelCorpInSingap	C1_5_RelatedCorpsInSing_Table
C1_6_I_RelBanksOutSingap_ListOfBanks	C1_6_I_Table
C1_6_I_RelBanksOutSingap_JurisdOfResid	C1_6_I_Table
C1_6_II_RelCorpOutSingap_JurisdOfResid	C1_6_II_Table
C1_6_II_RelCorpOutSingap_ListOfBanks	C1_6_II_Table
Bk_Assetcontinitemco	BU_MS610_D1
Bk_Assconcomloc	BU_MS610_D1
Bk_OtherCurrencies	BU_MS610_D1

D1_Jurisdiction	D1_Table
D1_AssContItemAndCommit	D1_Table
Bk_Assetcontinitemco	BU_MS610_D2_I_AllCurr
Bk_OtherCurrencies	BU_MS610_D2_I_AllCurr
Bk_Assconcomloc	BU_MS610_D2_I_AllCurr
Bk_Assconcomloc	BU_MS610_D2_I_EurJpyGbp
Bk_OtherCurrencies	BU_MS610_D2_I_EurJpyGbp
Bk_Assetcontinitemco	BU_MS610_D2_I_EurJpyGbp
Bk_Assconcomloc	BU_MS610_D2_I_SgdUsdRmb
Bk_OtherCurrencies	BU_MS610_D2_I_SgdUsdRmb
Bk_Assetcontinitemco	BU_MS610_D2_I_SgdUsdRmb
D2_I_AssContItemAndCommit	BU_MS610_D2_I_Table
D2_I_Currency	BU_MS610_D2_I_Table
D2_I_Jurisdiction	BU_MS610_D2_I_Table
Bk_OtherCurrencies	BU_MS610_D2_II_AllCurr
Bk_Assetcontinitemco	BU_MS610_D2_II_AllCurr
Bk_Assconcomloc	BU_MS610_D2_II_AllCurr
Bk_Assetcontinitemco	BU_MS610_D2_II_SgdUsd
Bk_OtherCurrencies	BU_MS610_D2_II_SgdUsd
Bk_Assconcomloc	BU_MS610_D2_II_SgdUsd
D2_II_Currency	BU_MS610_D2_II_Table
D2_II_Jurisdiction	BU_MS610_D2_II_Table
D2_II_AssContItemsAndComms	BU_MS610_D2_II_Table
Bk_Assetcontinitemco	BU_MS610_D2_III
Bk_AssetsContBySector	BU_MS610_D3_1_I
Bk_Residency	BU_MS610_D3_1_II
Bk_AssetsContBySector	BU_MS610_D3_1_II
Bk_OtherCurrencies	BU_MS610_D3_1_II
Bk_AssetsContBySector	BU_MS610_D3_1_III

Bk_Residency	BU_MS610_D3_2_I_II_NatPers
Bk_OtherCurrencies	BU_MS610_D3_2_I_II_NatPers
Bk_Asscontingitem_Purp	BU_MS610_D3_2_I_II_NatPers
Bk_OtherCurrencies	BU_MS610_D3_2_I_II_OthrCount
Bk_Asscontingitem_Purp	BU_MS610_D3_2_I_II_OthrCount
Bk_OtherCurrencies	BU_MS610_D3_2_III_IV_V_Jurisdiction
Bk_Jurisdiction	BU_MS610_D3_2_III_IV_V_Jurisdiction
Bk_OtherJurisdiction	BU_MS610_D3_2_III_IV_V_OtherJurisdiction
Bk_OtherCurrencies	BU_MS610_D3_2_III_IV_V_OtherJurisdiction
Bk_SubSector	BU_MS610_D3_2_III_IV_V_SubSect
Bk_OtherCurrencies	BU_MS610_D3_2_III_IV_V_SubSect
Bk_Tenor	BU_MS610_D3_2_III_IV_V_Tenor
Bk_OtherCurrencies	BU_MS610_D3_2_III_IV_V_Tenor
Bk_Assconcomloc	BU_MS610_D4_I_AllSGDUSDRMB
Bk_OtherCurrencies	BU_MS610_D4_I_AllSGDUSDRMB
Bk_LiabByJurisdCounterparty	BU_MS610_D4_I_AllSGDUSDRMB
Bk_LiabByJurisdCounterparty	BU_MS610_D4_I_EURJPYGBP
Bk_Assconcomloc	BU_MS610_D4_I_EURJPYGBP
Bk_OtherCurrencies	BU_MS610_D4_I_EURJPYGBP
D4_I_Liabilities	D4_I_Table
D4_I_Jurisdiction	D4_I_Table
D4_I_Currency	D4_I_Table
Bk_RmbBusinessActivities	BU_MS610_D5
Bk_Sfp_AssetsLiabls	BU_MS610_E_2
Bk_FairValueHierarchy	BU_MS610_E1
Bk_Asscontingitem_Purp	BU_MS610_E3_I_II_Assetcontingitem_Purp
Bk_Days	BU_MS610_E3_I_II_Days_Assetcontinitemco
Bk_Assetcontinitemco	BU_MS610_E3_I_II_Days_Assetcontinitemco
Bk_AssByClassJurisd	BU_MS610_F_1

Bk_Assconcomloc	BU_MS610_F_1
F_1_Jurisdiction	BU_MS610_F_1_Table
F_1_Type	BU_MS610_F_1_Table
Bk_Asscontingitem_Purp	BU_MS610_F_2_Asscontingitem_Purp
Bk_AssetsContBySector	BU_MS610_F_2_AssetContBySector
Bk_AssBySectJurisd	BU_MS610_F_3
Bk_Assconcomloc	BU_MS610_F_3
F_3_Jurisdiction	BU_MS610_F_3_Table
F_3_Type	BU_MS610_F_3_Table
Bk_Sfp_Assets	BU_MS610_G1_1_Asset
Bk_Sfp_AssetsLiabsl	BU_MS610_G1_1_ContLiabCommDerivOthrItems
Bk_Sfp_Liabilities	BU_MS610_G1_1_Liabilities
G1_2_AssetAndLiab	G1_2_Table
G1_2_Currency	G1_2_Table
Bk_Ltv	BU_MS610_H_1
Bk_Currency	BU_MS610_I_FX_IR_I_Curr
Bk_OtherCurrencies	BU_MS610_I_FX_IR_I_OtherCurr
Bk_Currency	BU_MS610_I_FX_IR_II_Curr
Bk_OtherCurrencies	BU_MS610_I_FX_IR_II_OthrCurr
Bk_Operationallosses	BU_MS610_J_1
Bk_Depositrate	BU_MS610_K_1
L_1_NameBankIssuer	BU_MS610_L_1_Table
L_1_SwiftCode	BU_MS610_L_1_Table
Bk_Coveredbonds	BU_MS610_L_2_CovBond
Bk_OtherCurrencies	BU_MS610_L_2_OtherCurrencies
Bk_OtherCurrencies	BU_MS610_M_1
Bk_ResidualMaturity	BU_MS610_M_1