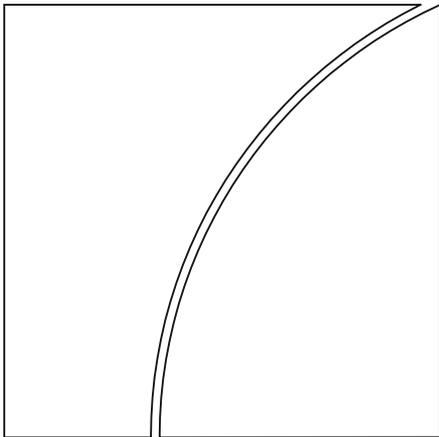


Basel Committee on Banking Supervision



Instructions for the end-2018 G-SIB assessment exercise

22 January 2019



BANK FOR INTERNATIONAL SETTLEMENTS

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Instructions for the end-2018 G-SIB assessment exercise

1. Introduction

1. The Basel Committee on Banking Supervision (“the Committee”) is conducting this data collection exercise as an input into the methodology to assess the systemic importance of banks in a global context. This methodology for identifying global systemically important banks (G-SIBs) is outlined in the July 2018 document entitled *Global systemically important banks: revised assessment methodology and the higher loss absorbency requirement*.¹ It falls under the aegis of the Financial Stability Board and responds to the decision by the G20 leaders to develop a methodology comprising both quantitative and qualitative indicators that can contribute to the assessment of the systemic importance of financial institutions at a global level.²

2. This document is organised as follows: Part 2 discusses general information such as the scope of the exercise, the process and the overall structure of the quantitative questionnaire. Parts 3 and 4 provide specific details regarding the data collected in the template. This includes specific data definitions and how to interpret the built-in data checks.

2. General Information

1.1 Scope of consolidation and data quality

3. For purposes of this exercise, all offices that are within the scope of the consolidated reporting group are to be reported on a consolidated basis. Unless the instructions specifically state otherwise, this consolidation shall be on a line-by-line basis. As part of the consolidation process, the results of all transactions and all intercompany balances between offices, subsidiaries, and other entities included in the scope of the consolidated reporting group are to be eliminated in the consolidation and must be excluded from the reported totals. Where applicable and unless noted otherwise, group data should be reported using **regulatory consolidation**. Therefore, insurance or other non-banking activities should only be included insofar as they are included in the regulatory consolidation of the group.

4. While participation in portions of this exercise is voluntary in certain jurisdictions, the Committee expects a high level of participation to ensure robust results. The relevant supervisory authorities will be required to estimate values based on publicly available information if banks do not provide data themselves.

5. In accordance with the Committee’s standards, all banks with a leverage ratio exposure measure exceeding 200 billion euros (using the exchange rate applicable at the financial year-end) are required to publically disclose information containing at least the 12 indicators described in Appendix 5 within four months of the financial year end.³ Banks below this threshold that have been added to the sample as a result of being classified as a G-SIB in the previous year are also subject to the disclosure requirement. For the first year that a bank breaches this threshold, ie banks that are newly part of the G-SIB assessment

¹ The document is available at <https://www.bis.org/bcbs/publ/d445.pdf>. The methodology is currently in the transitional phase.

² See *Reducing the moral hazard posed by systemically important financial institutions – FSB Recommendations and Time Lines* (20 October 2010) available at www.financialstabilityboard.org/publications/r_101111a.pdf.

³ See paragraphs 42-45 of *Global systemically important banks: updated assessment methodology and the higher loss absorbency requirement* (July 2018), available at <https://www.bis.org/bcbs/publ/d445.pdf>

sample, the data must be published within four months of financial year-end or, at latest, by July of the relevant calendar year.

6. The values reported in this exercise should precisely match any values that have been publically disclosed. If any of the public figures are subsequently restated, a revised template must be submitted to the BCBS Secretariat on or before 31 July 2019.

7. The Committee expects the indicator totals and their subcomponents to be of the highest quality. To achieve this, banks should have an internal process for checking and validating each item. While the Committee aims at achieving the best possible data quality for all items, those labelled as “memorandum items” may be reported on a best-efforts basis (if necessary).

1.2 Filling in the Data

8. It is important that banks only use the latest available version of the workbook obtained from their relevant supervisory authority to submit their returns. The supervisory authorities may also provide additional instructions if deemed necessary.

9. **Yellow** cells are mandatory, while **green** cells are either best-efforts (data items) or optional (comments and remarks). **Red** cells will be completed by supervisory authorities. **Respondents should only enter information in the yellow and green cells.** It is important to note that any modification to the worksheets outside of these cells might render the workbook unusable both for the validation of the final results and the subsequent aggregation process. **Note that data are required for all collected metrics unless noted otherwise.** The automated formulas contained in the workbook will not register a value if any of the underlying data items are missing.

1.3 Automated Checks

10. Automated data consistency checks are displayed in the “Checks” column. Where data items are not appropriately reported, the following corrective actions may be displayed:

- Most of the yellow shaded cells in the template only allow for positive values. Should a sign error occur, the **checks column** will show a message indicating the required reporting format (eg “No negatives please”).
- **Under no circumstances should text (eg “n/a” or “none”) be entered into a data cell.** If text is detected, the checks column will display “No text please”. Note that the addition of informative text is always welcome and should be inserted in the accompanying comments column.
- Where data cells have been left empty, the checks column will display “Please enter a (value/date/code/name/rate)”.
- If a zero value is entered and the remarks column is not set to “Confirmed zero”, then the checks column will display “Please confirm zero”. Conversely, if a nonzero value is entered and the remarks column is set to “Confirmed zero”, then the checks column will display “Value not zero”.
- For some cells, the checks column will also test for logical errors. For example, item 3.c.(5) must be greater than or equal to item 3.c.(6). If this is not the case, then the checks column will display “< 3.c.(6)” to indicate that item 3.c.(5) is less than item 3.c.(6).

1.4 Estimated Values and Zeros

11. The reporting template provides a separate dropdown menu (see “Remarks” column) in every row. Reporting banks and/or supervisory authorities should use these dropdown menus to annotate data items with the following information:

- Where data constraints exist, banks may provide quantitative data on a “best-efforts” basis. In case of doubt, discuss with the relevant supervisory authority on how best to proceed. **Where estimates have been used, the respective dropdown menu in the “Remarks” column should be set to “Estimated value”** and a short explanation regarding the method used should be provided in the comments column.
- **Cells may be assigned a value of zero only if the reporting group’s activity regarding the requested metric is truly zero.** In this case, the dropdown cell in the “Remarks” column should be set to “Confirmed zero”.

1.5 Negative Values

12. Negative values are only permitted for the following items: counterparty exposure of derivatives contracts (item 2.a.(1)); regulatory adjustments (item 2.e); total net revenue (item 14.e); foreign net revenue (item 14.f); Total net local positions in local currency in EA countries (considering EA as a single jurisdiction) (Item 20.r); and Foreign Net revenue (considering the Euro Area as a single jurisdiction) (Item 22.a).

1.6 Reporting Currency and Unit

13. The reporting currency will be selected by the relevant supervisory authority. It is expected that the currency will remain constant from one assessment exercise to the next. If an institution would prefer to report in a currency other than the one specified, it should contact the relevant supervisory authority. The reporting currency should be used for all values in the workbook.

14. Banks should indicate the unit used for reporting (1, 1,000 or 1,000,000). The same unit should be used for all amounts throughout the workbook. When choosing the reporting unit, it should be considered that the worksheet shows all amounts as integers.

1.7 Confidentiality

15. The Committee or its Secretariat will not collect any data directly from banks. Therefore, banks in participating jurisdictions should contact the relevant supervisory authorities to discuss how the completed workbooks should be submitted. Supervisory authorities will forward the relevant raw data to the Secretariat of the Committee where they will be treated as confidential. The raw data will be collected and shared on a non-anonymised basis with a small working group of the Committee’s Macroprudential Supervision Group. In addition, given that the scores of banks in the end-2018 exercise are due to be calculated based on data that banks publically disclose, the 12 indicator values, along with the names of the banks used in calculating the sample totals, may be shared more widely.⁴

1.8 Comments

16. Comments on each item may be provided in the comments column. If considerable explanation is required, banks may choose to provide additional comments in a separate document.

⁴ For information on the assessment methodology, including the calculation of the sample totals, see Basel Committee on Banking Supervision, *The G-SIB assessment methodology – score calculation*, November 2014, www.bis.org/bcbs/publ/d296.pdf.

1.9 Questions

17. Banks should direct all questions related to this exercise to the relevant supervisory authority. Where necessary, the agencies will coordinate with the Committee's Secretariat to provide responses that are consistent across jurisdictions.

1.10 Reporting Date and Year

18. In general, all data should relate to the financial year end closest to end-December 2018, ie the financial year-end that falls in the period 1 July 2018–30 June 2019. However, supervisory authorities may allow banks whose financial year ends on 30 June to report data based on their position as at end-December 2018 (ie interim rather than financial year-end data). Supervisory authorities may also permit banks to report outside of their financial year-end as long as the reporting date is closer to end-December.

19. Certain data items ask for aggregated activity over the reporting year, which is defined as the twelve months immediately preceding the reporting date. For example, if the reporting date is end-December 2018, then the reporting year would be from 1 January 2018 through 31 December 2018. These items include payments activity (items 6.a-n, 15.b.(1)-(2), 18.a.(1)-(15)) and 18.l.(1)-(3), underwriting activity (items 8.a and 8.b), trading volumes (items 18.b-f), and CCP settlement volume (item 18.k). If the reporting group merged with another entity during the reporting year, the combined flow data for both institutions should be reported.

1.11 Structure of the Excel Template

20. The Excel workbook consists of a single worksheet for data input. A summary section at the end of the worksheet details the overall indicator values as calculated from the submitted data. The worksheet also includes built-in consistency checks for data validation. Please review these checks prior to submitting the completed template. Respondents must submit their responses using the distributed template. Any alterations to the official template, including copying the cells into a new workbook, are not permitted.

21. The template includes unique data identifiers, consisting of a four-digit series followed by a four-digit item number, in Column F. The series is shown at the top of each section ("GSIB") and the item numbers appear next to each data entry. For example, the data identifier for the reporting unit (item 1.b.(1)) is GSIB1007. These identifiers will persist through multiple reporting periods even as the line items change rows within the worksheet.

2. Changes relative to the end-2017 exercise

2.1 Items Added

2.1.1 Section 16: Size Items

22. The following item has been added to the data collection: Insurance subsidiaries: total exposures already included in prudential regulatory scope of consolidation (Item 16.f.).

2.1.2 Section 18: Substitutability/Financial Infrastructure Items

23. The following items have been added to the data collection: Payments made in the reporting year (excluding intragroup payments): of which those that are made to central banks (Item 18.l.); Transactions related to central bank operations (Item 18.l.(1)); Payments related to the purchase of sovereign debt (Item 18.l.(2)); Other transactions to central banks (Item 18.l.(3)).

2.1.3 Section 19: Complexity Items

24. The following items have been added to the data collection: Assets valued for accounting purposes using Level 2 measurement inputs (Item 19.g.); Level 2 assets, including insurance subsidiaries (Item 19.h.); Average value of Level 3 assets (Item 19.i.); Average value of Level 2 assets (Item 19.j.).

2.1.4 Section 20: Cross-Jurisdictional Activity Items

25. The following items have been added to the data collection: Total net local positions in local currency, if net positive (Item 20.n.); Total net local positions in local currency, if net negative (Item 20.o.); Total net local positions in local currency in non-EA countries, if net positive (considering EA as a single jurisdiction) (Item 20.p.); Total net local positions in local currency in non-EA countries, if net negative (considering EA as a single jurisdiction) (Item 20.q.); Total net local positions in local currency in EA countries (considering EA as a single jurisdiction) (Item 20.r.).

2.2 Items Removed

2.2.1 Section 18: Substitutability/Financial Infrastructure Items

26. The following item has been removed to the data collection: Payments made in the reporting year (excluding intragroup payments) including central bank reserve accounts payments (eg central bank payments related to mandatory reserves requirements) (formerly Item 18.l.).

3. The Data Worksheet

2.3 General Bank Data

27. The "General bank data" panel deals with general bank information and data reporting conventions.

Item 1.a: General information provided by the relevant supervisory authority

28. These items will be filled out by the relevant supervisory authority.

Item 1.b: General information provided by the reporting institution:

Item 1.b.(1): Reporting unit

29. Select the reporting units (ones, thousands, or millions) in which results are reported from the dropdown menu.

Item 1.b.(2): Accounting standard

30. Select the accounting standard used (eg IFRS, US GAAP) from the dropdown menu.

Item 1.b.(3): Date of public disclosure (yyyy-mm-dd)

31. Specify the expected date on which the G-SIB indicator values will be publically disclosed.

Item 1.b.(4): Language of public disclosure

32. Specify in which languages the G-SIB indicator values will be publically disclosed.

Item 1.b.(5): Web address of public disclosure

33. Provide the web address where the G-SIB indicator values are being publically disclosed. Please report the **exact** web address of the bank's public disclosure (eg do not provide the homepage of the bank). If the values have yet to be disclosed or the location is otherwise unknown, please provide as specific a web address as possible along with a short explanation in the comments. In cases where the web address is not fixed or the data are otherwise difficult to locate, respondents should provide a comment detailing precisely how to access the relevant information. If the disclosure is included in a report, provide the exact page (for instance p. 60 of [https.2018annual_report.pdf](https://www.bis.org/publ/2018annual_report.pdf)).

2.4 Size Indicator

34. The size indicator detailed below is intended to match the total exposures value (prior to regulatory adjustments) as defined for use in the Basel III leverage ratio as of January 2014.⁵ Note that the exposures value does not reflect any instances where the national implementation differs from the Basel III standard. Also note that all positions should be included, regardless of whether they are included in the trading or banking book. Appendix 1 provides some details on the cross-references to the Basel III framework.

2.4.1 Section 2: Total Exposures

35. Section 2 collects exposure amounts for derivatives, securities financing transactions, other assets, and off-balance-sheet items.

Item 2.a: Derivatives

36. For items 2.a.(1)-(3), report exposures to the client when acting as a financial intermediary (ie where the bank is a counterparty to both the client and the CCP). Guarantees associated with cleared transactions (ie transactions where the bank provides clearing services for clients executing trades via an exchange or with a CCP) should also be captured.⁶

Item 2.a.(1): Counterparty exposure of derivatives contracts

37. Report the counterparty risk exposure of derivatives after applying the regulatory netting standards based on the Basel II framework (not the accounting rules for netting). Data should not include any other credit risk mitigation effects. Derivatives traded over-the-counter (OTC), on an exchange and through a central counterparty (CCP) should all be included.

38. Collateral received (whether cash or non-cash) should not be netted against the (net) derivatives position. Where the applicable accounting standard permits a bank to net payables (to return cash collateral) from the corresponding derivative asset, the bank should first gross-up the derivative asset before calculating the net replacement cost in the formula in paragraphs 186 and 187 of the Basel II framework (which provides the formula to calculate the counterparty credit risk under the Current Exposure Method). Using this same formula, all banks should set the value of the volatility adjusted collateral amount (C_A) to zero.

39. If a derivative transaction is not covered under a qualifying Basel II netting agreement, the derivative exposure amount should be reported on a gross basis. Cash variation margin may be treated as a pre-settlement payment, and thus used to reduce the replacement cost of derivatives, only if it meets

⁵ *Basel III leverage ratio framework and disclosure requirements*, January 2014, Basel Committee on Banking Supervision, available at www.bis.org/publ/bcbs270.htm.

⁶ For more information, see *Basel III leverage ratio framework and disclosure requirements*, January 2014, paragraphs 27-8, available at www.bis.org/publ/bcbs270.pdf.

the criteria outlined in *Basel III leverage ratio framework and disclosure requirements*, January 2014, paragraph 25.

Item 2.a.(2): Capped notional amount of credit derivatives

40. Report the effective notional amount (ie the apparent or stated notional principal amount multiplied by the effective multiplier in the derivative contract) of credit derivatives, or other similar instruments, through which the bank provides credit protection (eg credit default swaps or total return swaps that reference instruments with credit risk, such as bonds). Where credit derivatives were bought on the same reference name and the maturity of the protection bought is equal to or greater than the maturity of the protection sold, report the notional amount of the protection sold capped at the maximum potential loss (ie report the protection sold less the protection bought). Reference names are considered the same if the conditions in footnote 14 of the Basel III leverage ratio framework are met. Exclude the effective notional principal amount of sold credit protection that the bank clears on behalf of a clearing member client through a CCP.

Item 2.a.(3): Potential future exposure of derivative contracts

41. Report the potential future exposure of derivatives when applying the current exposure method and Basel II netting standards. Data should not include any credit risk mitigation effect other than the regulatory netting.

42. The add-on for credit derivatives should be calculated according to the full text of paragraph 707, including the footnote. This implies that the add-on of sold CDS subject to closeout should be capped at unpaid premiums, while the add-on for sold CDS not subject to closeout should not be included. Paragraph 707 should be applied to all credit derivatives, whether they are included in the banking book or in the trading book.

43. When calculating the add-on for netted transactions (A_{Net} in the formula in paragraph 96(iv) of Annex IV of the Basel II framework), banks should not consider in the net replacement cost of the collateral received, irrespective of the treatment of the collateral by the applicable accounting standard.

Item 2: Securities financing transactions (SFTs)

Item 2.b.(1): Adjusted gross value of SFTs

44. Report the adjusted gross value (net of specific provisions and valuation adjustments) of SFTs assuming no accounting netting or credit risk mitigation effects. SFT assets should be reported with no recognition of accounting netting of (cash) payables against (cash) receivables as permitted under relevant accounting standards except as outlined in paragraph 33(i), second bullet of the Basel III leverage ratio framework.⁷ Do not include SFT agent transactions eligible for the exceptional treatment as set out in paragraphs 36 and 37 of the Basel III leverage ratio framework.⁸

45. In situations where the relevant accounting standards require the bank to recognise as an asset the security received in an SFT, the value of such a security must be reported in item 2.d.(1). SFTs traded OTC, on an exchange and through a CCP should all be included.

Item 2.b.(2): Counterparty exposure of SFTs

46. Report the counterparty exposure of SFTs. Data should not include any other credit risk mitigation effects. SFTs traded OTC, on an exchange and through a CCP should all be included.

⁷ See *Basel III leverage ratio framework and disclosure requirements*, January 2014, Basel Committee on Banking Supervision, available at www.bis.org/publ/bcbs270.htm.

⁸ Ibid.

47. For SFTs, the counterparty exposure value is determined as the total fair value amount of securities and cash lent to a counterparty for all transactions included in a qualifying Basel II netting agreement, less the total fair value amount of cash and securities received from the counterparty for those transactions, floored at zero. Where no qualifying Basel II netting agreement is in place, the counterparty exposure value of SFT must be calculated on a transaction by transaction basis (that is, each SFT is treated as its own netting set). Do not apply haircuts in assessing the gross fair value of non-cash collateral. Include agent transaction exposures.⁹

Item 2.c: Other assets

48. Report the value of any other on-balance sheet assets not specifically identified in any of the rows above (eg accounting receivables for cash variation margin provided where recognised under operative accounting framework, liquid assets as defined under the liquidity coverage ratio, failed and unsettled transactions and any other accounting assets not included under the derivatives or SFT items). This includes any instrument (including cash) borrowed or lent through an SFT when it is reported on the accounting balance sheet.

49. Report the data using the sum of accounting values (net of specific provisions and valuation adjustments), assuming no accounting netting or credit risk mitigation effects (ie gross values). The reported value should reflect the adjustments that are permitted for the purposes of the leverage ratio (eg the addition of grossed-up assets for derivatives collateral provided and adjustments for SFT sales accounting transactions, along with the removal of receivables for eligible cash variation margin provided in derivatives transactions, exempted CCP leg of client-cleared trade exposures (initial margin), securities received in a SFT that are recognised as an asset, and fiduciary assets).

Item 2.d: Gross notional amount of off-balance-sheet items

50. Securities collateral that has been received by the bank and which is not recorded as an on-balance sheet asset under the relevant accounting standard generally is not included in the Basel III leverage ratio exposure measure, with the exception of the specific treatment for the measure of counterparty credit risk (CCR) for securities financing transactions (SFTs) under paragraph 33 (ii) of the Basel III leverage ratio framework (which allows for the consideration of securities collateral received from a counterparty).

Item 2.d.(1): Items subject to a 0% credit conversion factor (CCF)

51. Report the notional value of off-balance-sheet items that would be assigned a 0% credit conversion factor as defined in the standardised approach to credit risk in the Basel II framework. That is, commitments that are unconditionally cancellable at any time by the bank without prior notice, or that effectively provide for automatic cancellation due to deterioration in a borrower's creditworthiness (see paragraph 83 of the Basel II framework and the footnote to this paragraph).

Item 2.d.(2): Items subject to a 20% CCF

52. Report the notional value of off-balance-sheet items that would be assigned a 20% credit conversion factor as defined in the standardised approach to credit risk (see paragraphs 83 and 85 of the Basel II framework and footnote to paragraph 83).

⁹ See *Basel III leverage ratio framework and disclosure requirements*, January 2014, paragraphs 35-7, available at www.bis.org/publ/bcbs270.pdf.

Item 2.d.(3): Items subject to a 50% CCF

53. Report the notional value of off-balance-sheet items that would be assigned a 50% credit conversion factor as defined in the standardised approach to credit risk (see paragraphs 83, 84(ii) and 84(iii) of the Basel II framework). This includes liquidity facilities and other commitments to securitisations incorporating the changes according to the *Enhancements to the Basel II framework*.¹⁰ That is, the credit conversion factor for all eligible liquidity facilities in the securitisation framework is 50% regardless of the maturity. Include off-balance-sheet exposures to originated securitisations only if the securitisations have met the accounting criteria for derecognition (to avoid double counting).

Item 2.d.(4): Items subject to a 100% CCF

54. Report the notional value of off-balance-sheet items that would be assigned a 100% credit conversion factor as defined in the standardised approach to credit risk (see paragraphs 83(i), 83 (ii), 84 and 84(i) of the Basel II framework). This includes liquidity facilities and other commitments to securitisations incorporating the changes according to the Enhancements. Include off-balance-sheet exposures to originated securitisations only if the securitisations have met the accounting criteria for derecognition (to avoid double counting).

Item 2.e: Regulatory adjustments

55. Report the value of regulatory adjustments to tier 1 and CET1 capital under the fully phased-in Basel III framework. Please be sure to report the figure based on end-2018 data. Note that the reported value should not reflect any deviations from the Basel III standard that may have been adopted in the relevant national implementation. Report adjustments that reduce tier 1 capital as a positive value. If the adjustment increases tier 1 capital, report the value with a minus (-) sign.

Item 2.f: Total exposures indicator (Total exposures prior to regulatory adjustments)

56. The sum of items 2.a.(1) through 2.c, 0.1 times 2.d.(1), 0.2 times 2.d.(2), 0.5 times 2.d.(3), and 2.d.(4). Note that regulatory adjustments (item 2.e) are not removed from the indicator.

2.5 Interconnectedness Indicators

57. For the purpose of the interconnectedness indicators, financial institutions are defined as including banks (and other deposit-taking institutions), bank holding companies, securities dealers (including institutions that are strictly securities brokers), insurance companies, mutual funds, hedge funds, pension funds, investment banks and central counterparties (CCPs). Central banks and other public sector bodies (eg multilateral development banks) are excluded, but state-owned commercial banks are included. Stock exchanges are not included, though most stock exchanges have subsidiaries that are considered financial institutions (eg securities dealers and CCPs).

58. In determining whether a transaction is with other financial institutions (ie financial institutions outside of the reporting group), do not adopt a look-through approach. Instead, report figures based on the immediate counterparty. Note that only sections 3 and 4 relate to intra-financial system activity; section 5 captures the securities issued by the bank.

2.5.1 Section 3: Intra-Financial System Assets

Item 3.a: Funds deposited with or lent to other financial institutions

59. Report all funds deposited with or lent to other financial institutions (ie financial institutions outside of the consolidated reporting group). Lending should include all forms of term/revolving lending,

¹⁰ The document is available at www.bis.org/publ/bcbs157.pdf.

acceptances of other banks and other extensions of credit to financial institutions. Do not include commercial paper, which is reported in item 3.c.(4), and securities financing transactions. Do not include settlement balances (ie exposures arising from unsettled transactions). Deposits should include balances due from financial institutions. Include certificates of deposit but do not include margin accounts and posted collateral. Include funds deposited with or lent to other financial institutions that are accounted for as receivables. Do not include receivables related to settlement balances (eg fees and payments related to the exchange of goods and services). Include margin lending, but exclude accrued interest.

Item 3.a.(1): Certificates of deposit

60. Report the total holdings of certificates of deposit due from other financial institutions included in item 3.a. Certificates of deposit are time deposits where the bank issues a receipt for the funds specifying that they are payable on a specific date, eg seven or more days in the future.

Item 3.b: Unused portion of committed lines extended to other financial institutions

61. Report the nominal value of the unused portion of all committed lines extended to other financial institutions. Include lines that are unconditionally cancellable. Do not include letters of credit and unsettled securities financing transactions (eg reverse repos).

Item 3.c: Holdings of securities issued by other financial institutions

62. This item should reflect all holdings of securities issued by other financial institutions. Total holdings should be reported at fair value for securities classified as held-for-trading and available-for-sale; held-to-maturity securities should be reported at amortised cost. Report the historical cost of any equity securities without readily determinable fair values. Do not report products where the issuing institution does not back the performance of the asset (eg asset-backed securities). Include securities issued by equity-accounted associates and special purpose entities (SPEs) if they are not part of the consolidated entity for regulatory purposes. Do not include synthetic exposures related to derivatives transactions (eg, when a derivative references securities issued by other financial institutions). Do not include loans, bond exchange traded funds (ETFs), credit card receivables, letters of credit, bond options, bond swaps, or bond swaps on ETFs.

63. If the breakdown is unavailable for one or more of these items, please fill the cell(s) for the non-available item(s) with a "0" and provide the available total in one of the other rows of the panel. The comments section for the item with the available total should state which subcategories have been included.

Item 3.c.(1): Secured debt securities

64. Report the total holdings of secured debt securities (eg covered bonds). Note that this item is not designed to capture collateralized trades. Instead, the item is capturing capital raised through the issuance of secured debt.

Item 3.c.(2): Senior unsecured debt securities

65. Report the total holdings of senior unsecured debt securities.

Item 3.c.(3): Subordinated debt securities

66. Report the total holdings of subordinated debt securities.

Item 3.c.(4): Commercial paper

67. Report the total holdings of commercial paper of other financial institutions.

Item 3.c.(5): Equity securities

68. Report the total holdings of equity securities, including common and preferred shares, of other financial institutions. Include investments in mutual funds (eg equity, bond, hybrid, and money market funds) that are administered outside of the reporting group. Report the entire mutual fund investment (ie do not look through into the fund to determine the underlying holdings). Do not report equity securities or bonds received as collateral.

Item 3.c.(6): Offsetting short positions in relation to the specific equity securities included in item 3.c.(5)

69. Report the fair value of the reporting group's liabilities resulting from short positions held against the equity securities included in item 3.c.(5). Include the short legs of derivatives used to hedge the equity securities reported in item 3.c.(5) (eg total return swaps).¹¹

Item 3.d: Net positive current exposure of securities financing transactions (SFTs) with other financial institutions

70. This item should include the following:

- (a) Net positive reverse repurchase agreement exposure, where the value of the cash provided exceeds the fair value of the securities received.
- (b) Net positive repurchase agreement exposure, where the fair value of the securities provided exceeds the value of the cash received.
- (c) Net positive securities lending exposure, where the fair value of securities lent exceeds the value of cash collateral received (or the fair value of non-cash collateral received).
- (d) Net positive securities borrowing exposure, where the value of cash collateral provided (or the fair value of non-cash collateral provided) exceeds the fair value of securities borrowed.

71. The reported value is not intended to reflect amounts recorded on the balance sheet. Rather, it represents the single legally owed amount per netting set. Netting of multiple transactions should only be used where the transactions are covered by a legally enforceable netting agreement (see paragraph 173 under the Basel II framework). For transactions that are not subject to a qualifying master netting agreement, report the exposure on a transaction-by-transaction basis, with each SFT treated as its own netting set. It means that the difference (if positive) between the value of financial instruments provided (cash and/or securities) and financial instruments received (cash and/or securities) should be reported. Include transactions cleared through a CCP. Do not include conduit lending transactions and do not apply haircuts in assessing the gross fair value of non-cash collateral. Include unsettled SFTs if the bank is using trade-date accounting.

72. Note that SFTs with non-financial institution counterparties should be excluded from this item.

Item 3.e: Over-the-counter derivatives with other financial institutions that have a net positive fair value

Item 3.e.(1): Net positive fair value

73. Report the sum of net positive fair value over-the-counter derivative exposures netted only where legally enforceable and in accordance with Basel II regulatory netting rules (ie designated, legally enforceable, netting sets or groups). Only netting sets with a positive value should be included here. Netting sets where the net result is negative should be captured in item 4.d.(1). Basel II defines netting sets in Annex 4 of the Basel II framework. Include collateral held only if it is within the master netting agreement (ie pursuant to legally enforceable credit support annexes). If applicable, net opposing

¹¹ For example, Bank A holds 10,000 shares of Bank B at 100 per share and has entered into an equity total return swap to short 10,000 Bank B shares and thereby eliminate market risk. Bank A would report 1,000,000 for item 3.c.(5) and 1,000,000 for item 3.c.(6).

collateral positions (eg initial margin posted with variation margin held). Deduct the net collateral position from the underlying obligation only if it reduces the overall exposure. If the net collateral exceeds the payment obligation due to the bank, record a fair value of zero for the netting set. If a derivative transaction with a positive fair value is not covered under a qualifying Basel II netting agreement, the derivative exposure amount should be included on a gross basis.

74. The value should be reported in accordance with the Basel II framework. See *International Convergence of Capital Measurement and Capital Standards*, paragraph 96(iv) of Annex 4, available at www.bis.org/publ/bcbs128.pdf. Note that the current exposure method (CEM) should not be used. Exclude OTC derivatives with non-financial institution counterparties.

75. This item is calculated differently from item 2.a.(1). For example, there is a difference in perimeter (ie financial institutions vs. all counterparties). Also, for this item, all collateral received that is within a master netting agreement may be netted against the derivative exposures. This includes both initial and variation margin. Item 2.a.(1), however, only allows the replacement cost to be reduced by the value of the cash variation margin received.

76. When acting as a financial intermediary (ie where the bank is a counterparty to both the client and the CCP), report exposures to the CCP. Report exposures to clients if they fit the definition of financial institution. In cases where a clearing member bank, acting as an agent, guarantees the performance of a client to a CCP, the associated exposure to the client must be reported.

Item 3.e.(2): Potential future exposure

77. Report the amount of potential future exposure (PFE), calculated using the current exposure method, for the derivatives included in item 3.e.(1). Include the PFE for any netting sets with a fair value of zero.

2.5.2 Section 4: Intra-Financial System Liabilities

Item 4.a: Funds deposited by or borrowed from other financial institutions

78. Report any funds deposited by or borrowed from other financial institutions that are accounted for as payables. Do not include payables related to settlement balances, (eg fees and payments related to the exchange of goods and services). Do not include certificates of deposit, margin accounts, and accrued interest. Include the borrowings of all entities, including variable-interest entities (VIEs), within the regulatory scope of consolidation, but do not include borrowings between entities within the consolidated group. Include bank overdrafts and margin lending, but exclude margin accounts.

Item 4.a.(1): Deposits due to depository institutions

79. Report total deposits, excluding certificates of deposit, due to (ie deposited by) depository institutions. Do not include settlement balances (ie exposures arising from unsettled transactions) and collected collateral.

Item 4.a.(2): Deposits due to non-depository financial institutions

80. Report total deposits, excluding certificates of deposit, due to non-depository financial institutions. Do not include settlement balances (ie exposures arising from unsettled transactions) and collected collateral.

Item 4.a.(3): Loans obtained from other financial institutions

81. Report the amount of outstanding loans obtained from other financial institutions (ie financial institutions outside of the reporting group) which are not already being captured in the other items of Section 4. Include both term loans and revolving, open-end loans. If all loans are already being captured in these items, then a zero value should be reported.

Item 4.b: Unused portion of committed lines obtained from other financial institutions

82. Report the nominal value of the unused portion of all committed lines obtained from other financial institutions (ie financial institutions outside of the reporting group). Include lines that are unconditionally cancellable. This item measures the amount of credit committed as of the reporting date, irrespective of whether it may be unconditionally cancelled the day after. For example, the available balance associated with a credit card (which the bank commits to providing, but reserves the right to withdraw at any time) would be included. Do not include letters of credit and unsettled SFTs (eg repos).

Item 4.c: Net negative current exposure of SFTs with other financial institutions

83. This item should include the following:

- (a) Net negative reverse repurchase agreement exposure, where the fair value of securities received exceeds the value of the cash provided.
- (b) Net negative repurchase agreement exposure, where the value of the cash received exceeds the fair value of the securities provided.
- (c) Net negative securities lending exposure, where the value of cash collateral received (or the fair value of non-cash collateral received) exceeds the fair value of securities lent.
- (d) Net negative securities borrowing exposure, where the fair value of securities borrowed exceeds the value of cash collateral provided (or the fair value of non-cash collateral provided).

84. The reported value is not intended to reflect amounts recorded on the balance sheet. Rather, it represents the single legally owed amount per netting set. Netting of multiple transactions should only be used where the transactions are covered by a legally enforceable netting agreement (see paragraph 173 of the Basel II framework). For transactions that are not subject to a qualifying master netting agreement, report the exposure on a transaction-by-transaction basis, with each SFT treated as its own netting set. It means that the difference (if negative) between the value of financial instruments provided (cash and/or securities) and financial instruments received (cash and/or securities) should be reported. Include transactions cleared through a CCP. Do not include conduit lending transactions and do not apply haircuts in assessing the gross fair value of non-cash collateral. Include unsettled SFTs if the bank is using trade-date accounting. Report the final net negative exposure value as a positive number.

85. Note that SFTs with non-financial institution counterparties should be excluded from this item.

Item 4.d: Over-the-counter derivatives with other financial institutions that have a net negative fair value

Item 4.d.(1): Net negative fair value

86. Report the sum of net fair value over-the-counter derivative liabilities netted only where legally enforceable and in accordance with Basel II regulatory netting rules (ie designated, legally enforceable, netting sets or groups). Only netting sets with a negative value should be included here. Netting sets where the net result is positive should be captured in item 3.e.(1). Basel II defines netting sets in Annex 4 of the Basel II framework. Include collateral provided only if it is within the master netting agreement (ie pursuant to legally enforceable credit support annexes). If applicable, net opposing collateral positions (eg initial margin held with variation margin posted). Deduct the net collateral position from the underlying obligation only if it reduces the overall exposure. If the net collateral exceeds the payment obligation owed to the counterparty, record a fair value of zero for the netting set. If a derivative transaction with a negative fair value is not covered under a qualifying Basel II netting agreement, the derivative exposure amount should be included on a gross basis. Report the final net negative fair value as a positive number.

87. The value should be reported in accordance with the Basel II framework. See *International Convergence of Capital Measurement and Capital Standards*, paragraph 96(iv) of Annex 4, available at www.bis.org/publ/bcbs128.pdf. Exclude OTC derivatives with non-financial institution counterparties.

88. When acting as a financial intermediary (ie where the bank is a counterparty to both the client and the CCP), report exposures to the CCP. Report exposures to clients if they fit the definition of financial institution. In cases where a clearing member bank, acting as an agent, guarantees the performance of a client to a CCP, the associated exposure to the client must be reported.

Item 4.d.(2): Potential future exposure

89. Report the amount of the PFE, calculated using the current exposure method, for the derivatives included in item 4.d.(1).

2.5.3 Section 5: Securities Outstanding

90. The components below should reflect the value of all outstanding securities that were issued by, or on behalf of, the reporting entity. Accordingly, securities should be reported regardless of whether or not they are held by other financial institutions. Do not report products where the reporting institution does not back the performance of the asset (eg asset-backed securities).

91. For items 5.a through 5.e, provide the book value (ie carrying amount) of the securities. Note that this value will depend on the applicable accounting classification and measurement, and thus may reflect the amortised cost of the securities, the fair value of the securities, or a mixture of the two.

92. If the breakdown is unavailable for one or more of these items, please fill the cell(s) for the non-available item(s) with a "0" and provide the available total in one of the other rows of the panel. The comments section for the item with the available total should state which subcategories have been included.

Item 5.a: Secured debt securities

93. Report the book value of all outstanding secured debt securities (eg covered bonds) issued by the reporting group. Note that this item is not designed to capture collateralized trades. Instead, the item is capturing capital been raised through the issuance of secured debt.

Item 5.b: Senior unsecured debt securities

94. Report the book value of all outstanding senior unsecured debt securities issued by the reporting group.

Item 5.c: Subordinated debt securities

95. Report the book value of all outstanding subordinated debt securities issued by the reporting group.

Item 5.d: Commercial paper

96. Report the book value of all outstanding commercial paper issued by the reporting group.

Item 5.e: Certificates of deposit

97. Report the book value of all outstanding certificates of deposit issued by the reporting group, irrespective of the holder (eg corporate or individual). Certificates of deposit are time deposits where the bank issues a receipt for the funds specifying that they are payable on a specific date seven or more days in the future. Include all certificates of deposit issued as securities, even if they were not issued as a receipt (ie certificates of deposit with an International Security Identification Number (ISIN)).

Item 5.f: Common equity

98. Report the fair value (ie market value) of all outstanding common equity shares issued by the reporting group. For shares issued by consolidated subsidiaries, only include those shares that were issued

to third parties. For publicly traded shares, report the closing share price multiplied by the number of shares outstanding. Do not include outstanding shares for which a market price is unavailable. If there is no direct market price for the reporting group whatsoever, this item would be zero. Do not include certificates of mutual banks.

Item 5.g: Preferred shares and any other forms of subordinated funding not captured in item 5.c.

99. Report the fair value (ie market value) of all outstanding preferred shares issued by the reporting group. Include shares issued by consolidated subsidiaries to third parties. Also include any other forms of subordinated funding not captured in item 5.c. Do not include outstanding shares for which a market price is unavailable.

100. Include registered securities which raise funds for the bank but whose issuance is explicitly based on a bilateral contractual agreement between the issuer and the individual investor (eg German participation rights designed as "Namensgenussrechte").

2.6 Substitutability/Financial Institution Infrastructure Indicators

2.6.1 Section 6: Payments Activity

Items 6.a-n: Payments made in the reporting year (excluding intragroup payments)

101. Report the total gross value of all cash payments sent by the reporting group as a direct participant via large value payment systems,¹² along with the gross value of all cash payments sent through an agent or correspondent bank (eg using a correspondent or nostro account), over the reporting year in each indicated currency. Payments sent by the reporting bank as a correspondent (ie correspondent banking) via Large Value Payment Systems should not be doubled-counted. All payments sent via an agent bank should be reported, regardless of how the agent bank actually settles the transaction. Do not include intragroup transactions (ie transactions made within or between entities within the reporting group). The bank's own payments should be included as long as they were not made to another member of the reporting group. Payments may be recorded using either the trade date or the settlement date as long as the reporting remains consistent between periods. If both are readily available, the settlement date should be used. If precise totals are unavailable, known overestimates¹³ may be reported. Please also include a comment in the template if a known overestimate is used.

102. Payments should be reported regardless of purpose, location, or settlement method. This includes, but is not limited to, cash payments associated with derivatives, securities financing transactions and foreign exchange transactions. Do not include the value of any non-cash items settled in connection with these transactions. Include cash payments made on behalf of the reporting entity as well as those made on behalf of customers (including financial institutions and other commercial customers). Do not include payments made exclusively through retail payment systems except if they are also processed at a later stage via Large Value Payment Systems. Do not report payment facilitation (ie when the bank acts as a payment service provider) where the customer is a direct member of the large value payment system and uses their own BIC code to complete the transaction. Only include savings account payments if they are made via a large value payment system or through an agent.

103. Only include outgoing payments (ie exclude payments received). Include the amount of payments made into Continuous Linked Settlement (CLS). Other than CLS payments, do not net any outgoing wholesale payment values, even if the transaction was settled on a net basis (ie all wholesale payments made into large value payment systems or through an agent must be reported on a gross basis).

¹² For examples of large-value payment systems, refer to the survey of Committee on Payments and Market Infrastructure (CPMI). The August 2017 release is available at <http://www.bis.org/cpmi/pub/d168.pdf>.

¹³ Eg, if the bank is unable to eliminate its intragroup transactions.

Retail payments sent through large value payment systems or through an agent may be reported on a net basis.

104. Values should be reported in the reporting currency and unit specified in items 1.a.(4) and 1.b.(1). Banks should convert the data to their reporting currency using daily foreign exchange rates over the reporting period. These rates, which are selected by the respondent, must represent a consistent series of exchange rate quotations.

105. Respondents may (1) add up payments in the foreign currency and then convert the total into the reporting currency using the average foreign exchange (FX) rate for the reporting year provided by the BIS at www.bis.org/bcbs/gsib/ (ie use the same method as was employed in previous assessments), or (2) collect the daily flow data in the reporting currency directly, converting the data using a consistent set of daily exchange rate quotations.

2.6.2 Section 7: Assets Under Custody

Item 7.a: Assets under custody

106. Report the value of all assets, including cross-border assets that the reporting group holds as a custodian on behalf of customers, including other financial institutions (ie financial institutions outside of the reporting group). Include such assets even if they are being held by a third party acting as a sub-custodian (eg central securities depositories, payment systems, central banks and sub-custodians). All assets held as a custodian on behalf of customers must be reported, including those which are also assets under management and assets under administration (ie only include assets under management and assets under administration if they meet the definition of assets under custody). The value of the assets should reflect the accounting method required by the respective clients. Thus, the reported total will likely involve a mixture of both book and market values.

107. Include cash that is being held in custody accounts. Note that assets held as collateral are not generally considered assets under custody. For the purposes of this report, a custodian is defined as a bank or other organisation that manages or administers the custody or safekeeping of stock certificates, debt securities, cash, or other assets for institutional and private investors. Banks should only report the assets for which they provide custody and safekeeping services.

2.6.3 Section 8: Underwritten Transactions in Debt and Equity Markets

108. Include all underwriting (public and private) over the reporting year where the bank was obligated to purchase unsold securities. When the underwriting is on a best-efforts basis (ie the bank is not obligated to purchase the remaining inventory), only include the securities that were actually sold. For transactions underwritten by multiple institutions, only include the portion attributable to the reporting group. These portions should be reported regardless of whether or not the bank is acting as the lead underwriter.

Item 8.a: Equity underwriting activity

109. Report the total value of all types of underwritten equity instruments underwritten during the reporting year, excluding intragroup and self-led transactions. This includes all types of equity market transactions such as initial public offerings, additional offerings of common stocks, units, depositary receipts (eg American depositary receipts (ADRs) and global depositary receipts (GDRs)) and rights offerings. Also include equity-linked transactions such as convertible bonds, convertible preferred bonds and exchangeable bonds. Include all types of transactions at all maturities. Do not differentiate transactions between front-end, back-end and best-efforts or "soft" transactions. Do not differentiate with regard to maturity, currency or market of issuance.

110. Equity securities with embedded derivatives should be included, while stand-alone derivatives underwriting should be excluded. With regards to the delineation between securities with embedded derivatives and stand-alone derivatives, use the existing definitions in IFRS or U.S. GAAP. In case the

reporting is based on a national accounting standard where the distinction does not exist, the IFRS definition should be used (see Appendix 2 for further guidance).

Item 8.b: Debt underwriting activity

111. Report the total value of all types of debt instruments underwritten during the reporting year, excluding intragroup and self-led transactions. This includes all types of underwriting transactions relating to debt securities. The value should include both secured debt instruments (eg covered bonds, asset-backed security (ABS) transactions, etc.) and unsecured debt instruments (eg medium term notes (MTNs)). Include all types of transactions at all maturities. Do not differentiate transactions between front-end, back-end and best-efforts or “soft” transactions. Do not differentiate with regard to maturity, currency, or market of issuance. Do not differentiate between sovereign and corporate debt. Debt securities with embedded derivatives should also be included. For more detail on embedded derivatives, refer to the instructions for item 8.a. Do not include loan underwriting. Include underwriting activity related to sovereign debt and the debt of government-sponsored enterprises (GSE). However, do not include other activities that facilitate the issuance or placement of third-party securities (eg auctions).

112. Instruments that could be allocated to either item 8.a or 8.b (eg bonds with warrants attached) should not be double-counted. Reporting institutions may set the delineation at their own discretion and, if necessary, provide a short explanation in the comments column.

2.7 Complexity Indicators

2.7.1 Section 9: Notional Amount of Over-the-Counter (OTC) Derivatives

113. This indicator is designed to measure the scope of the reporting group’s engagement in OTC derivative transactions and should include all types of risk categories and instruments. For a detailed overview of instrument types and risk categories, see table D5 of the Statistical Bulletin of the *BIS Quarterly Review*¹⁴. Collateral should not be deducted when reporting the notional derivative values. Note that the sum of items 9.a and 9.b should be equal the value reported in table D5 of the Statistical Bulletin of the *BIS Quarterly Review*. Note that there should be no double-counting between items 9.a and 9.b.

Item 9.a: OTC derivatives cleared through a central counterparty

114. Report the notional amount outstanding of OTC derivative positions which will be settled through a central counterparty. Include all types of risk categories and instruments (eg foreign exchange, interest rate, equity, commodities and credit default swaps (CDS)). Report transactions regardless of whether they are part of a master netting agreement.

115. Do not include cleared derivative transactions (ie transactions where the bank provides clearing services for clients executing trades via an exchange or with a CCP) where the bank is not a direct counterparty in the contract. When acting as a financial intermediary (ie where the bank is a counterparty to both the client and the CCP), report the notional amounts associated with each contract (ie the contract with the CCP and the contract with the client). In cases where a clearing member bank, acting as an agent, guarantees the performance of a CCP to a client, the associated notional amounts must be reported.

Item 9.b: OTC derivatives settled bilaterally

116. Report the notional amount outstanding of OTC derivative positions which will be settled bilaterally (ie without the use of a central counterparty). Include all types of risk categories and instruments (eg foreign exchange, interest rate, equity, commodities and CDS). Report transactions regardless of whether they are part of a master netting agreement.

¹⁴ See BIS Statistical Bulletin at www.bis.org/statistics/bulletin1709.htm

2.7.2 Section 10: Trading and Available-for-Sale Securities

117. This indicator seeks to capture the value of securities (ie bonds and shares) that, if sold quickly during periods of severe market stress, are more likely to incur larger fire-sale discounts or haircuts to compensate for high market risk. It is measured as the total amount of securities in the held-for-trading (HFT) or fair value through profit or loss (FVTPL)¹⁵ and available-for-sale (AFS) or fair value through other comprehensive income (FVTOCI)¹⁶ accounting categories less the subset of securities held in those categories that meet the definition of Level 1 and Level 2 assets as defined in the Basel III liquidity coverage ratio (LCR).

118. All values reported should be at the reporting date and provided on a gross long basis (ie short positions should not be netted against long positions). Thus, for long and short positions in the same Committee on Uniform Securities Identification Procedures number (CUSIP), report the long position prior to any CUSIP netting or any other International Security Identification Number (ISIN) netting.

Item 10.a: Held-for-trading securities (HFT)

119. Report the fair value of all securities classified as HFT (including securities designated at fair value – DaFV) or FVTPL.¹⁷ Securities that are intended to be held principally for the purpose of selling them in the near term should be classified as trading assets. Trading activity includes active and frequent buying and selling of securities for the purpose of generating profits on short-term fluctuations in price. Do not include loans, derivatives and non-tradable assets (eg receivables).

Item 10.b: Available-for-sale securities (AFS)

120. Report the fair value of all securities classified as AFS or FVTOCI.¹⁸ All securities not reported in Item 10.a. or Item 15.a. or at cost¹⁹ should be reported as AFS or FVTOCI. Do not include loans, derivatives and non-tradable assets (eg receivables).

Item 10.c: Trading and AFS securities that qualify as Level 1 liquid assets

121. Report the fair value of all securities in Item 10.a. and Item 10.b. that qualify as Level 1 liquid assets according to paragraphs 50(c), 50(d) and 50(e) of the Basel III LCR.¹⁹ Include qualifying securities even if they do not fulfil the LCR operational requirements outlined in paragraphs 31– 40.²⁰

Item 10.d: Trading and AFS securities that qualify as Level 2 liquid assets, with haircuts

122. Report the fair value, **after applying haircuts**, of all trading and AFS securities that qualify as Level 2 assets according to paragraphs 52 and 54 of the Basel III LCR.²⁰ Include qualifying securities even if they do not fulfil the LCR operational requirements outlined in paragraphs 31– 40.²¹ Level 2A, Level 2B RMBS and Level 2B non-RMBS assets should be reported with haircuts of 15%, 25% and 50%, respectively. The caps outlined in paragraphs 46-48 and 51 should not be applied.²²

¹⁵ The reference to FVTPL applies exclusively to IFRS 9 reporting banks.

¹⁶ The reference to FVTOCI applies exclusively to IFRS 9 reporting banks.

¹⁷ Banks under IFRS 9 accounting framework must report the value of all securities measures at fair value through profit and loss (FVTPL), under voluntary or mandatory (held for trading or not) adoption of fair value.

¹⁸ Banks under IFRS 9 accounting framework must report the value of all securities measured at fair value through other comprehensive income (FVTOCI).

¹⁹ As defined in either IAS 39 or IFRS 9.

²⁰ Ibid.

²¹ Ibid.

²² Ibid.

2.7.3 Section 11: Level 3 Assets

Item 11.a: Assets valued for accounting purposes using Level 3 measurement inputs

123. Report the gross fair value of all assets that are priced on a recurring basis on the balance sheet using Level 3 measurement inputs. Internationally-recognised accounting standards commonly use a three-level fair value hierarchy that prioritises inputs used to measure fair value based on observability. Do not include assets that are measured at fair value for disclosure purposes only (ie if the assets are not carried at fair value on the balance sheet using level 3 measurement inputs the assets should not be included in the Level 3 total).

124. Level 3 fair value measurement inputs, while not readily observable in the market, are used to develop an exit price for the asset (or liability) from the perspective of a market participant. Therefore, Level 3 fair value measurement inputs should reflect the reporting group's own assumptions about the assumptions that a market participant would use in pricing an asset (or liability) and should be based on the best information available under the given circumstances. The level in the fair value hierarchy within which the fair value measurement is categorised is determined on the basis of the lowest level input that is significant to the fair value measurement in its entirety. If a fair value measurement uses observable inputs that require significant adjustment based on unobservable inputs, then this is considered a Level 3 measurement. Only include the Level 3 estimates associated with Level 3 assets (ie if the asset qualifies as Level 1 or Level 2, the asset should not be included in the Level 3 total).

125. If the accounting standard designated in item 1.b.(2) does not have an equivalent definition of Level 3 assets, consult Appendix 4 for guidance on the fair value hierarchy according to IFRS 7. The relevant supervisory authority may also be contacted for further guidance.

2.8 Cross-Jurisdictional Activity Indicators

2.8.1 Section 12: Cross-Jurisdictional Claims

126. This indicator uses data that internationally active banks report to the central banks in their home jurisdiction for the compilation of the BIS consolidated international banking statistics (see Tables B3 and B4 of the international consolidated banking statistics).²³ Banks report these figures quarterly for the consolidated position of their institution. If the reporting group is unable to compile the necessary data, contact the relevant supervisory authority for additional guidance.

127. Do not report initial/variation margins or guarantee deposits constituted for hedging counterparty risk of derivatives transactions.

Item 12.a: Total foreign claims on an ultimate risk basis

128. Report the value of all claims over all sectors that, on an ultimate risk basis, are cross-border claims, local claims of foreign affiliates in foreign currency, or local claims of foreign affiliates in local currency.²⁴ Cross-border claims extend from a parent bank or an affiliate in one country to a borrower resident in another country other than where the parent bank is located. Local claims of foreign affiliates in foreign and local currency extend from the local office of the bank to borrowers in that location. Claims include deposits and balances placed with other banks, loans and advances to banks and non-banks and

²³ Tables B3 and B4 of the international consolidated banking statistics are available at www.bis.org/statistics/consstats.htm.

²⁴ For a full description of the data, definitions and coverage, see *Guidelines for reporting the BIS international banking statistics* (March 2013) at <https://www.bis.org/statistics/bankstatsguide.pdf>.

holdings of securities and participations. Do not include claims from positions in derivative contracts. Since these data refer to consolidated activities, they exclude all intra-office claims.²⁵

2.8.2 Section 13: Cross-Jurisdictional Liabilities

129. This indicator combines data reported as part of the BIS locational banking statistics with figures that are reported for the BIS consolidated banking statistics. To match the treatment in the cross-jurisdictional assets indicator, the liabilities of all offices (ie headquarters, branches and subsidiaries in different jurisdictions) to entities outside the local market are included along with liabilities to non-residents within the home country. Individual figures reported to different central banks for the locational BIS statistics need to be aggregated and then combined with information on intra-office liabilities. The indicator amount reported in GSIB 1091 should not include intra-office liabilities. If the reporting group is unable to compile the necessary data themselves, contact the relevant supervisory authority for additional guidance.

130. Do not report initial/variation margins or guarantee deposits constituted for hedging counterparty risk of derivatives transactions.

Item 13.a: Foreign liabilities (excluding derivatives and local liabilities in local currency)

131. Report the sum of all foreign liabilities, excluding both liabilities from positions in derivative contracts and local liabilities in local currency. Include liabilities between a non-domestic office within the reporting group and a domestic counterparty not included in the reporting group. Include assets sold under repurchase agreements (repo transactions) and securities sold short. Figures for locational statistics are reported by offices in each individual jurisdiction to the relevant central bank for the compilation of the BIS consolidated international banking statistics (see column "All sectors/Liabilities" in Table A4.1 of the Statistical Bulletin of the *BIS Quarterly Review*).²⁶ Short sales positions (ie where the bank has borrowed and then sold securities to create short positions) should be allocated to the country of the counterparty of securities borrowing transaction (the lender of securities to whom borrowed securities are owed). Do not report securities liabilities that are tradable assets issued by the bank. Do not base the country allocation on the original securities issuer.

Item 13.a.(1): Any foreign liabilities to related offices included in item 13.a

132. Report the value of any intercompany liabilities included in item 13.a (ie liabilities that are to the reporting group's own foreign offices, or from a foreign office to a domestic office within the reporting group). Figures are reported by offices in each individual jurisdiction to the relevant central bank for the compilation of the BIS consolidated international banking statistics (see column "Bank sector/Of which:

²⁵ Ultimate risk basis is a methodology whereby positions are allocated to a third party that has contracted to assume the debts or obligations of the primary party if that party fails to perform. In the CBS (consolidated banking statistics), claims on an ultimate risk basis are allocated to the country and sector of the entity that guarantees the claims (or, in the case of claims on branches, the country of the parent banks). The allocation to a third party results in risk transfer and not in cancellation of the hedged or guaranteed claims. For instance, if a loan included in banking book is completely "hedged" by a Total Return Swap (TRS), allocate the amount of the loan to the country of TRS counterpart (if this counterpart is a branch, consider the country of the parent entity). For more details, cf. "C.5. Risk transfers" part of Guidelines for reporting the BIS international banking statistics (March 2013).

²⁶ For a full description of the data, definitions and coverage, see *Guidelines for reporting the BIS international banking statistics* (March 2013) at <https://www.bis.org/statistics/bankstatsguide.pdf> (see Glossary in Section F). In this item, "liability" refers to definitions provided in paragraph B.3.1 of Guidelines for reporting the BIS international banking statistics (March 2013).

Intragroup/Liabilities." in Table A4.1 of the Statistical Bulletin of the BIS Quarterly Review).²⁷ Note that this figure should be a subset of item 13.a.

Item 13.b: Local liabilities in local currency (excluding derivatives activity)

133. Report the value of all foreign-office liabilities in local currency, excluding liabilities from positions in derivative contracts. This figure is reported by internationally active banks to the central bank in their home jurisdiction for the compilation of the BIS consolidated international banking statistics (see column "Local positions in local currencies/Liabilities" of Table B2 of the Statistical Bulletin of the BIS Quarterly Review).²⁸ Do not include intercompany liabilities. Do not report securities liabilities that are tradable assets issued by the bank.

2.9 Ancillary Indicators

2.9.1 Section 14: Ancillary Indicators

Item 14.a: Total liabilities

134. Report total liabilities, excluding own funds and capital as well as various incurred costs that are still due (eg income tax payable, wages payable, etc.). For this item, conservative estimates (such as the accounting value) are permitted.

Item 14.b: Retail funding

135. Report total deposits less the sum of deposits from depository institutions, deposits from central banks, and any other deposits (including certificates of deposit) not held by retail customers or small businesses. Small business customers are those customers with less than €1 million in consolidated deposits that are managed as retail customers and are generally considered as having similar liquidity risk characteristics to retail accounts. For more information, see the Basel II framework – *International Convergence of Capital Measurement and Capital Standards*, paragraph 231, June 2006.²⁹

Item 14.d: Total gross revenue

136. Report the total gross revenue, which is defined as interest income plus noninterest income.³⁰

Item 14.e: Total net revenue

137. Report total net revenue, which is defined as interest income plus noninterest income minus interest expense.³¹

Item 14.f: Foreign net revenue

138. Report the net revenue from all foreign offices. For purposes of this item, a foreign office of a reporting group is a branch or consolidated subsidiary located outside of the organisation's home country

²⁷ Available at <https://www.bis.org/statistics/bulletin1709.pdf>. For a full description of the data, definitions and coverage, see *Guidelines for reporting the BIS international consolidated banking statistics* (March 2013) at www.bis.org/statistics/consbankstatsguide.pdf.

²⁸ Available at <https://www.bis.org/statistics/bulletin1709.pdf>. For a full description of the data, definitions and coverage, see *Guidelines for reporting the BIS international consolidated banking statistics* (March 2013) at www.bis.org/statistics/consbankstatsguide.pdf Ibid.

²⁹ The document is available at www.bis.org/publ/bcbs128.htm.

³⁰ Noninterest income includes trading gains, investment income, commissions, fees and other operating income.

³¹ Ibid.

(ie the country where the reporting group is headquartered). Branches or consolidated subsidiaries located in territories or possessions of the home country are considered foreign offices. Net revenue is defined as interest income plus noninterest income minus interest expense.³²

Item 14.g: Gross value of cash provided and gross fair value of securities provided in SFTs

139. Report the gross value of all cash provided and the gross fair value of all securities provided in the outgoing legs of SFTs. Only include transactions completed by the reporting group on its own behalf. Include variation margin provided, but do not include any counterparty netting. Include the outgoing legs associated with repurchase and reverse repurchase agreements, and securities lending and borrowing. Do not include outgoing legs associated with conduit lending and margin lending transactions.

Item 14.h: Gross value of cash received and gross fair value of securities received in SFTs

140. Report the gross value of all cash received and the gross fair value of all securities received in the incoming legs of SFTs. Only include transactions completed by the reporting group on its own behalf. Include variation margin received, but do not include any counterparty netting. Include the incoming legs associated with repurchase and reverse repurchase agreements, and securities lending and borrowing. Do not include incoming legs associated with conduit lending and margin lending transactions.

Item 14.i: Gross positive fair value of over-the-counter (OTC) derivative transactions

141. Report the gross positive fair value of all OTC derivative transactions. The reported value should not include any counterparty netting.

Item 14.j: Gross negative fair value of OTC derivative transactions

142. Report the gross negative fair value of all OTC derivative transactions. The reported value should not include any counterparty netting.

Item 14.k: Number of jurisdictions

143. Report the number of countries, including the home jurisdiction, where the reporting group has a branch, a subsidiary, or other entity that is consolidated under the accounting standard specified in item 1.b.(2). The jurisdiction should be determined using the physical address of the branch, subsidiary, or other consolidated entity. Include offshore financial centers (eg Cayman Islands and Hong Kong SAR) as separate jurisdictions.

2.9.2 Section 15: Ancillary Items

144. The items in this section have been designated for long-term monitoring, as they may affect the formulation of the indicators in a future assessment.

Item 15.a: Held-to-maturity securities

145. Report the book value (ie the carrying amount) of all securities classified as held-to-maturity or as loans and receivables (for IAS 39 banks) or at amortised cost (for IFRS 9 banks). Do not report loans and financial instruments that are not securities.

Items 15.b.(1)-(2): Payments made in the reporting year

146. Report the total gross value of all cash payments sent by the reporting group via large value payment systems, along with the gross value of all cash payments sent through an agent bank over the reporting year in each indicated currency. For further detail, see the instructions for Section 6.

³² Ibid.

2.10 Memorandum Items

147. The memorandum items are mandatory. These items will be used to assess if changes should be made to the overall G-SIB framework. Therefore, it is important to ensure sufficient data quality. **Comments regarding data quality and availability are highly encouraged.** A dropdown menu contains pre-built comments on data quality and availability; nonetheless it is still possible to provide open comments by inputting some text in any comment cell.

2.10.1 Section 16: Size Items

148. A subset of items in this section measure specific life insurance product: variable annuities and unit-linked products.

149. Variable insurance and unit-linked products refer to products where policy holders have the ability to invest funds through accounts held in an insurance company providing access to a range of financial products, including stocks, bonds, and collective undertakings shares (CIUs). Variable insurance products provide policy holders discretion over the choice³³ of financial instruments (mentioned above) mirroring the premium received (or the amount of cash invested in opened accounts). The return (positive or negative) of these mirroring financial products may be totally or partially assumed by the policy holder, depending on guarantees provided by the insurance company. Each region or jurisdiction may have its own type of variable products. Nevertheless, insurers may write products similar to variable products as above described. In the United States and Canada, these policies may include variable life, variable annuity and contingent annuity contracts. For Europe, these products can be referred to as "unit-linked products" with various subcategories.

150. The definitions provided in the previous paragraph are based on a methodological document³⁴ elaborated by the International Association of Insurance Supervisors (IAIS) which describes the indicators for identifying Global Systemically Important Insurance companies (G-SII). Based on this IAIS document, variable insurance products or unit linked accounts may be broken down in three categories: (i) variable insurance or unit linked accounts³⁵ without any guarantee, (ii) variable insurance or unit-linked accounts with only death benefits and (iii) variable insurance or unit-linked accounts not included in (i) or (ii) such as products with a financial guarantee³⁶ (capital, minimum return, minimum income).

151. Non-European banks report exposures on variable insurance products (even unit-linked accounts) only in Items 16.a and 16.b. European banks report in Items 16.a and 16.b only variable insurance products that are not denominated as unit-linked accounts, and report unit-linked accounts in 16.c.

Item 16.a: Account value for variable insurance products with minimum guarantees, gross of reinsurance

152. The account value in this item is the sum of following elements: (1) the fair value of unit-linked life insurance or annuity policyholders' investments and (2) the technical provisions related to any guarantee (death, surrender accumulation, income, withdrawal or maturity benefits) embedded in these

³³ However, the choice is generally limited to a list of financial products, enumerated and described in the variable insurance contract.

³⁴ G-SII instructions document is the equivalent of G-SIB Instructions for the assessment of global systemically important insurance companies.

³⁵ Although IAIS document mentions unit-linked account, the case of unit-linked accounts without any guarantee is not treated. Nevertheless, this type of product exists in some jurisdictions and may represent significant amounts. That is the reason grounding the creation of category (i).

³⁶ In IAIS document further specifications are provided to describe category (iii) : » report all life and annuity products that provide protection against financial market risk, such as equity prices, changes in interest rates, or loss of value (principal) on other investments (eg mutual funds wraps, contingent deferred annuity contracts, stable value contracts and other similar products) and that include at least one of the three types of embedded guarantees: guaranteed minimum income benefits, guaranteed minimum withdrawal benefits and guaranteed minimum accumulation benefits.

products. The first element refers to assets, fair-value of investments made by policyholders; the second element refers to the liability side of balance sheet as it sounds impossible to identify exactly assets related to (or mirroring) technical provisions aforementioned. As legal and accounting frameworks of variable insurance products differ across jurisdiction, the present definition of account value may require adjustments in order to take into account national specificities. Should a reporting bank be obliged to proceed with such adjustments, the comments section of the template has to be used to outline and describe main principles chosen for reporting account value (eg valuation basis used) using a qualitative document if necessary. Report the account value at year-end 2018 of variable insurance products and similar products traded by the insurance subsidiaries. Variable insurance products with minimum guarantees have the features that surrender value, maturity benefit or death benefit can rise or fall depending on investment performance, but such benefits are guaranteed at a minimum level by insurers. Report for all life and annuity products (including variable life, as well as, variable annuity and contingent annuity contracts) that provide protection against financial market risk, such as equity prices, changes in interest rates, or loss of value (principal) on other investments (eg mutual fund wraps contingent deferred annuity contracts, stable value contracts and possible other similar policies), and that include one of the three types of embedded guarantees: guaranteed minimum income benefits, guaranteed minimum withdrawal benefits, and guaranteed minimum accumulation benefits.

Item 16.b: Account value for variable insurance products with minimum guarantees, net of reinsurance

153. Report the account value reported in item 16.a, after deduction of reinsurance transactions. For the amount net of reinsurance, identify the share of reinsurance obtained and deduct it from item 16.a. This share may be determined by considering the proportion of technical provisions transferred to the reinsurance company. As previously indicated, differences among national legal and accounting frameworks may justify adjustments. In this case, use the comments section of the template to underline and describe these adjustments.

Item 16.c: Investment value and guarantee value for unit-linked products with minimum guarantees, gross of reinsurance

154. Report the sum of "investment value" and "guarantee value" as defined in following paragraphs.

155. The investment value of unit-linked products stands for the value of investments made by policy holders at year-end 2018. Amounts reported are booked as balance sheet assets. These assets mirror premiums (net of any management fees) paid by policy holders and booked as technical provisions liabilities. The account value may be also defined by the fair-value of financial instruments (Collective Investment Undertaking (CIU) shares, securities...) held by an insurance company on behalf of its unit-linked accounts subscribers.

156. The guarantee value to report in Item 16.c. should be the part of accumulated premium paid by policy holder and allocated to cover the cost of financial guarantees provided (liability). The accounting classification of this part of accumulated premium does not matter: it should be reported even if not accounted as a liability technical provision. In order to illustrate this definition one can assume following example. A customer contract unit-linked account product consisting in CIU shares which replicate a specific equity index. A capital guarantee is embedded in the unit linked account. The insurance company decides to buy call options in order to ensure this capital guarantee. The payment of these calls is supposed to be made by the use of a part of premium paid by the customer. Calls are accounted as assets and "mirror" this part of premium paid which may be accounted as a liability technical provision or a derivative one.

Item 16.d: Total exposures, including insurance subsidiaries

157. Report total exposures as defined in Section 2, including insurance subsidiaries that are consolidated for accounting purposes but not in regulatory scope. Include insurance subsidiaries not captured by the regulatory scope of consolidation. Include also insurance subsidiaries that are deducted. Include the underlying assets and off-balance sheet exposures belonging to insurance subsidiaries that

are not included in the leverage ratio exposure based on the regulatory scope of consolidation in accordance with paragraphs 8 and 9 of the 2014 Basel leverage ratio framework.³⁷ Do not take into account any deductions from Tier 1 capital (paragraph 16 of the 2014 Basel leverage ratio), and do not include intragroup transactions that are eliminated in the accounting consolidation process.³⁸ This item should at minimum include all exposures reported in item 2.f which are not towards an insurance subsidiary outside the regulatory scope of consolidation.

Item 16.e: Exposures of insurance subsidiaries

158. For items 16.e.(1) through (3) report exposures only if insurance subsidiaries are not already included in Item 2.f.

Item 16.e.(1): On-balance and off-balance sheet insurance assets

159. Report the on-balance sheet – including the positive net fair value of derivatives – and the off-balance sheet assets for insurance subsidiaries included in item 16.d. Do not report intragroup transactions.

Item 16.e.(2): Potential future exposure of derivatives contracts for insurance subsidiaries

160. Report the potential future exposure of derivatives contracts for insurance subsidiaries included in item 16.d. Use exactly the method as defined in item 2.a.(3). In the comments area, **please provide comments** on the availability of this data and any potential reporting difficulties.

Item 16.e.(3): Investment value in consolidated entities

161. Report the prudential treatment of insurance subsidiaries that should be deducted from section 2. This figure ensures the size indicator in item 2.f and the insurance items in items 16.e.(1)-(2) are consistent once the investments are deducted. Specifically, assuming that there is no intragroup transactions, item 16.d must equal the total exposures indicator 2.f plus the insurance items 16.e.(1) and 16.e.(2), minus 16.e.3 (ie the investments included in 2.f).

Item 16.f: Insurance subsidiaries: total exposures already included in prudential regulatory scope of consolidation

162. Report total exposures of insurance subsidiaries that are already included in the prudential regulatory scope of consolidation and that are already reported as part of the size indicator in item 2.f.

2.10.2 Section 17: Interconnectedness Items

Item 17.a: Intra-financial system assets, including insurance subsidiaries

163. For this item report all assets towards financial institutions respecting the rules described in Section 3 and with the same perimeter as item 16.d. Use exactly the same definitions of counterparties and rules as in that section but including insurance subsidiaries which are part of the consolidated group. Do not report intragroup transactions that are deducted in the accounting process. These items should at minimum be equal to the corresponding items in the referenced section of the template (GSIB 1045), net of any intragroup exposures that are deducted in the accounting process.

164. Report total assets including assets of the insurance subsidiaries on/off-balance sheet towards financial institutions (with deduction of intragroup transactions).³⁹ This item is the sum of items 17.a.(1),

³⁷ See Basel III leverage ratio framework and disclosure requirements at www.bis.org/publ/bcbs270.pdf.

³⁸ Example: if Bank A (total assets €40) has an insurance subsidiary B whose total assets are €20, of which €3 are intragroup transactions to A, the respondent should report €57 as their consolidated assets.

³⁹ Ibid.

17.a.(2), 17.a.(3), 17.a.(4) and 17.a.(5). While it may be possible for this item to be smaller than item 3.f, where this is the case, an explanation should be provided in the remarks.

Item 17.a.(1): Funds deposited with or lent to other financial institutions

165. Follow the instructions for item 3.a, including the assets of insurance subsidiaries.

Item 17.a.(2): Unused portion of committed lines extended to other financial institutions

166. Follow the instructions for item 3.b, including the assets of insurance subsidiaries.

Item 17.a.(3): Holdings of securities issued by other financial institutions

167. Follow the instructions for items 3.c.(1)-(6), including the assets of insurance subsidiaries.

Item 17.a.(4): Net positive current exposure of SFTs with other financial institutions

168. Follow the instructions for item 3.d, including the assets of insurance subsidiaries.

Item 17.a.(5): OTC derivatives with other financial institutions that have a net positive fair value

169. Follow the instructions for items 3.e.(1) and 3.e.(2), including the assets of insurance subsidiaries.

Item 17.b: Intra-financial system assets, including asset management companies

170. For this item, use the definition of financial institutions described in the introductory paragraph of Section 4.3 (Interconnectedness Indicators), but also include asset management companies (AMC) and/or the equivalent legal entity as defined by national law as financial institutions. Report exposures only if the scoped in entities are third-parties to the bank (ie not subsidiaries of the bank). Report all the intra-financial system assets respecting the rules described in Section 3. Do not report intragroup transactions that are deducted in the accounting process. If the value of AMC assets is unavailable, provide an estimated value and inform it in the Comments column. Inform in the Comments column if there is no AMC assets. At a minimum, this item should be equal to the corresponding item in the referenced section of the template (GSIB1045).

Item 17.c: Intra-financial system assets, including private equity funds

171. For this item, use the definition of financial institutions described in the introductory paragraph of Section 4.3 (Interconnectedness Indicators), but also include private equity funds (PE) as financial institutions. Report exposures only if the scoped in entities are third-parties to the bank (ie not subsidiaries of the bank). Report all the intra-financial system assets respecting the rules described in Section 3. Do not report intragroup transactions that are deducted in the accounting process. If the value of PE assets is unavailable, provide an estimated value and inform it in the Comments column. Inform in the Comments column if there is no PE assets. At a minimum, this item should be equal to the corresponding item in the referenced section of the template (GSIB1045).

Item 17.d: Over-the-counter derivatives with other financial institutions that have a net positive fair value (revised definition)

172. The definition of this item is exactly the same as item 3.e.(1) (Section 3 Intra-Financial System Assets) with one difference: non-cash collateral is allowed to offset the net positive fair value amounts of OTC derivatives with other financial institutions, regardless of the applicable accounting standard used by the bank. Inform in the Comments column if there is no use of non-cash collateral. This item should be equal to or less than the corresponding item in the referenced section of the template (GSIB1043).

Item 17.e: Intra-financial system liabilities, including insurance subsidiaries

173. For this item report all liabilities towards financial institutions respecting the rules described in Section 4 and with the same perimeter as item 16.d. Use exactly the same definitions of counterparties and rules as in that section but including insurance subsidiaries which are part of the consolidated group. Do not report intragroup transactions that are deducted in the accounting process. These items should at a minimum be equal to the corresponding items in the referenced section of the template, net of any intragroup exposures that are deducted in the accounting process.

174. Report total liabilities including the liabilities of insurance subsidiaries on/off-balance sheet towards financial institutions (with deduction of intragroup transactions).⁴⁰ This item is the sum of items 17.e.(1) through 17.e.(4). While it may be possible for this item to be smaller than item 4.e, where this is the case, an explanation should be provided in the remarks.

Item 17.e.(1): Funds deposited by or borrowed from other financial institutions

175. Follow the instructions for items 4.a.(1)-(3), including the assets of insurance subsidiaries.

Item 17.e.(2): Unused portion of committed lines obtained from other financial institutions

176. Follow the instructions for item 4.b, including the assets of insurance subsidiaries.

Item 17.e.(3): Net negative current exposure of SFTs with other financial institutions

177. Follow the instructions for item 4.c, including the assets of insurance subsidiaries.

Item 17.e.(4): OTC derivatives with other financial institutions that have a net negative fair value

178. Follow the instructions for items 4.d.(1) and 4.d.(2), including the assets of insurance subsidiaries.

Item 17.f: Intra-financial system liabilities, including asset management companies

179. For this item, use the definition of financial institutions described in the introductory paragraph of Section 4.3 (Interconnectedness Indicators), but also include asset management companies and/or the equivalent legal entity as defined by national law as financial institutions. Report all the intra-financial system liabilities respecting the rules described in Section 4. Do not report intragroup transactions that are deducted in the accounting process. If the value of asset management companies (AMC) liabilities is unavailable, provide an estimated value and inform it in the Comments column. Inform in the Comments column if there is no AMC liabilities. At minimum, this item should be equal to the corresponding item in the referenced section of the template (GSIB1052).

Item 17.g: Intra-financial system liabilities, including private equity funds

180. For this item, use the definition of financial institutions described in the introductory paragraph of Section 4.3 (Interconnectedness Indicators), but also include private equity funds as financial institutions. Report all the intra-financial system liabilities respecting the rules described in Section 4. Do not report intragroup transactions that are deducted in the accounting process. If the value of private equity funds (PE) liabilities is unavailable, provide an estimated value and inform it in the Comments column. Inform in the Comments column if there is no PE liabilities. At minimum, this item should be equal to the corresponding item in the referenced section of the template (GSIB1052).

Item 17.h: Over-the-counter derivatives with other financial institutions that have a net negative fair value

⁴⁰ Ibid.

(revised definition)

181. The definition of this item is exactly the same as item 4.d.(1) (Section 4 Intra-Financial System Liabilities) with one difference: non-cash collateral is allowed to offset the net negative fair value amounts of OTC derivatives with other financial institutions, regardless of the applicable accounting standard used by the bank. Inform in the Comments column if there is no use of non-cash collateral. This item should be equal to or less than the corresponding item in the referenced section of the template (GSIB1050).

Item 17.i: Securities outstanding, including the securities issued by insurance subsidiaries

182. For this item report all securities respecting the rules described in Section 5 and with the same perimeter as item 16.d. Use exactly the same definitions and rules as in that section but including insurance subsidiaries which are part of the consolidated group. Do not report intragroup transactions that are deducted in the accounting process. This item should at minimum be equal to the corresponding item in the referenced section of the template, net of any intragroup exposures that are deducted in the accounting process.

183. Report all securities issued by the group including securities issued by insurance subsidiaries except for the securities that are owned by the group itself.

2.10.3 Section 18: Substitutability/Financial Infrastructure Items

Items 18.a.(1)-(15): Payments made as a correspondent

184. These items represent a subset of items 6.a-n. Report the total gross value of all cash payments sent by the reporting group as a correspondent for other banks (ie banks outside of the reporting group) over the reporting year in each indicated currency. Include all such payments sent via large value payment systems and through an agent bank (eg using a correspondent or nostro account). Payments among participants in large value payments systems that do not employ a large value payment system should be considered as correspondent banking payments. Do not include transactions sent on behalf of entities within the reporting group (ie group internal transactions). If precise totals are unavailable, known overestimates may be reported. Note that these values are a subset of the total payments made in the reporting year and currency (see Section 6). Respondents should use the conversion method applied in items 6.a-n. See the instructions for items 6.a–n for further guidance.

Item 18.b.-f: Trading volume

185. Instructions for the individual trading volume items are provided in the subsections that follow. For all the subsections on trading volume (ie items 18.b. through 18.f.) the following instructions apply:^{41,42}

⁴¹ For trading volumes denominated in foreign currencies, similarly with what is reported for payments activity (Section 6), respondents may (1) add up trading transactions in the foreign currency and then convert the total into the reporting currency using the average foreign exchange (FX) rate for the reporting year provided by the BIS at www.bis.org/bcbs/gsib/ (i.e. use the same method as was employed in previous assessments for the payments made in the reporting year), or (2) collect the daily flow data in the reporting currency directly, converting the data using a consistent set of daily exchange rate quotations. Reporting firms should maintain methodological consistency year over year.

⁴² Consider the following examples for a better understanding of instructions; the plausibility of the example in economic terms being arguable; suppose Entity 1 and Entity 2 belongs to the same group.

Example 1:

Market < Client (client of Entity 2 in a contractual custody relationship) > Entity 2 (client of the market-maker) > Entity 1 (market maker) > Market

The client orders Entity 2 to purchase a security, market value being 100. The entity 2 buys the security at 100 to its market maker, which is Entity 1. Entity 1 is able to sell the security because it is included in its stock of securities (purchase made few days before Entity 2 order).

Instructions related to the external legs

- Report trading volume as defined by the market value of all securities purchases and sales, on own account or on behalf of third parties, in gross terms, ie not netted, throughout the reporting year.
- Purchases and sales should be reported at their market value on the contractual date. Do not include or deduct any transaction fees and commissions received or paid.
- Items related to trading volume only measure purchases and sales of securities and is a flow measurement. Therefore, do not report the amount of securities portfolio in balance sheet and/or the amount of securities held in custody at any given point in time (the stock). Do not report the variation of the two before mentioned amounts in any period (eg from the 1 January to the 31 December of a given year).
- Purchase and sales cover (i) securities held as assets (initial recognition for a purchase and de-recognition for a sale, generally referred to as a trade by a dealer from inventory – principal model), (ii) securities in fiduciary, custody or trust accounts, securities trades that are facilitated by a broker using client funds to buy and sell – agency model, and trades for a firm’s own account (generally referred to as proprietary trading).
- For transactions included in (ii) category, trades made on behalf of a client account which were routed to an external party for execution should be reported. However, a trade made by an external prime brokerage client that was only cleared through the bank should not be included in the reported volume if it was executed via a third party (ie the purchase or sale order is executed by an entity outside the group). The trading volume items do not capture trade clearing and settlement.
- Include trades made by the bank on behalf of a client account that were routed to an external party or exchange for execution regardless of whether the reporting institution is a member of the exchange or not and regardless of whether the reporting institution only provides infrastructure services to the customer or more.
- Do not include securities financing transactions such as repurchase agreements and securities lending arrangements, trading in derivatives, commodities or FX. However, if a borrowed security (reverse repo or lending securities arrangement) is sold and then repurchased (in order to return the security to the lender), both purchase and sale transactions should be reported.

Instructions related to intragroup transactions

- Include trading volumes made with intragroup counterparties⁴³ (do not include trading volumes made with intra-entity counterparties). The measurement of intragroup trading volumes is

Intragroup transactions to be reported: 100 (either the sale by Entity 1 or the purchase by Entity 2).

Non intragroup transactions to be reported: 100. The transaction should be analysed from the group point of view: execution of an order issued by a client in a custodian relationship. The security has been purchased on the market on behalf of the client (direct transfer of ownership to the client), hence the 100 to be reported.

Example 2:

Market < Entity 1 (market maker) < Entity 2 (sub-market-maker) < Client (client of Entity 2 in a market making arrangement).

The client purchases a security from its market-maker (Entity 2) – market value being 100. Two days before the latter transaction, Entity 2 had acquired the security by paying 100 to its market maker (Entity 1). Four days before the client transaction, Entity 1 had purchased the security at 100. Assume that Entity 1 and Entity 2 belong to the same group.

Intragroup transactions to be reported: 100 (either the purchase or the sale).

Non intragroup transactions to be reported: 200. The transaction should be analysed from the group point of view. In this case, the group acted as a market maker for the client: purchase of the security at 100 and sale to client at a 100.

⁴³ "Intragroup counterparties" refers to any subsidiaries and any branches (including if they belong to the same legal entity) of the reporting firm.

captured in separated items. If intragroup trading volumes are unavailable, note this fact in the comments column.

- If an entity of a group sells or purchases a security to another entity of the same group, report one transaction (purchase or sale).

Instructions applicable to both external legs and intragroup transactions

- Do not include cash dividend payouts and distributions from fund managers (which are independent of shareowner action).
- Include also purchases and sales from private placements.
- Preferred shares should be treated the same way as common stock, which is included in either item 18.e or 18.f based on whether they are listed or unlisted.
- Include ABS traded transactions (and similar types of securitised products) in either item 18.b, item 18.c or item 18.d based on the originator/sponsor of the product (not the underlying).
- Include agency floater/fixed and cash municipal in item 18.b or 18.c based on the issuer of the product. Include corporate floater in item 18.d.

Item 18.b: Trading volume of securities issued by sovereigns

186. Report the total trading volume of all sovereign securities, including money market instruments, bills, bonds and other fixed income securities. Include securities issued by central governments and central banks along with any securities issued by the Bank for International Settlements, the International Monetary Fund, the European Stability Mechanism, and the European Financial Stability Facility.

Item 18.b.(1): Any intragroup transactions included in 18.b

187. Report the value of intragroup transactions related to total trading volume of all sovereign securities as defined in the previous paragraph.

Item 18.c: Trading volume of securities issued by other public sector entities

188. Report the total trading volume of securities issued by other public sector entities (ie other than those reported in item 18.b above), including money market instruments, bills, bonds and other fixed income securities. Include securities issued or guaranteed by government agencies, government-sponsored agencies, multilateral development banks, and state and local governments (including political subdivisions of sovereign entities).

Item 18.c.(1): Any intragroup transactions included in 18.c

189. Report the value of intragroup transactions related to the total trading volume of securities issued by other public sector entities as defined in the previous paragraph.

Item 18.d: Trading volume of other fixed income securities

190. Report the total trading volume of other fixed income securities, including money market instruments, bills, bonds and other fixed income securities (ie other than those reported in items 18.b and 18.c above) such as commercial paper, corporate bonds, syndicated corporate loans, covered bonds, convertible debt, and any securitized products not included in item 18.b.

Item 18.d.(1): Any intragroup transactions included in 18.d

191. Report the value of intragroup transactions related to trading volume of other fixed income securities as defined in the previous paragraph.

Item 18.e: Trading volume of listed equities

192. Report the total trading volume of all listed equities. Some jurisdictions make a distinction between formal exchanges and other recognised trading platforms such as Multilateral Trading Facilities. For the purpose of this item, include all equities traded on any of these trading venues. Include American depositary receipts (ADRs) and global depositary receipts (GDRs). Do not include derivatives (eg listed equity options). Report the sum of all the trades/fills/executions placed on the exchanges over the year, before any netting.

18.e.(1): Any intragroup transactions included in 18.e

193. Report the value of intragroup transactions related to the total trading volume of all listed equities as defined in the previous paragraph.

Item 18.f: Trading volume of all other securities

194. Report the total trading volume of all securities not already reported in items 18.b-e such as unlisted equity securities, preferred stocks, trust preferred securities, and securities issued by funds (eg mutual funds, hedge funds, private equity funds, and real estate funds).

Item 18.f.(1): Any intragroup transactions included in 18.f

195. Report the value of intragroup transactions related to trading volume of all securities as defined in the previous paragraph.

Item 18.g-k: Central counterparties (CCPs)

196. For all of the subsections on CCP-activities (ie items 18.g. through 18.k.) the following instructions apply:

- Include all asset classes cleared through a CCP, not only derivatives. Report amounts for subsidiaries and clearing brokers regardless of whether they are direct members of the clearing house or not.

Item 18.g: Initial margin posted to central counterparties (CCPs) on behalf of clients

197. Report the gross amount of initial margin currently posted to CCPs on behalf of clients (ie the initial margin currently associated with client transactions). Note that the initial margin is the amount posted to reflect the potential future exposure arising from the possible future change in the value of the transaction. Include only the amount outstanding as of the reporting date (ie this is not a flow variable). Initial margin posted to central counterparties via a third party (ie a clearing member posting margin on behalf of a bank) should not be considered. If the initial margin posted on behalf of clients cannot be distinguished from the initial margin posted for the reporting group's own account (item 18.h), provide estimates, note this fact in the comments column, and ensure the total amount of initial margin (item 18.g plus item 18.h) is accurate.

Item 18.h: Initial margin posted to CCPs for the reporting group's own account

198. Report the gross amount of initial margin currently posted to CCPs in connection with the reporting group's own account. Include only the amount outstanding as of the reporting date (ie this is not a flow variable). Initial margin posted to central counterparties via a third party (ie a clearing member posting margin on behalf of a bank) should not be considered. If the initial margin posted on behalf of clients cannot be distinguished from the initial margin posted for the reporting group's own account, provide estimates, note this fact in the comments column, and ensure the total amount of initial margin (item 18.g plus item 18.h) is accurate.

Item 18.i: Default fund contributions to CCPs

199. Report the gross amount of default fund contributions currently posted to CCPs. Include only the amount outstanding as of the reporting date (ie this is not a flow variable).

Item 18.j: Other facilities to CCPs

200. Report the drawn and undrawn gross amount of other financial resources provided to CCPs (ie resources other than those reported in items 18.g-i above). Include committed and uncommitted liquidity, credit, and repo facilities, along with lines of credit, guarantees, and any other financial resources. Repo facilities refer to collateralized lending arrangements that involve the sale of securities or similar financial instruments together with an agreement to buy back the instruments at a later date. Report the committed and uncommitted cash amount of repo facilities that are provided as liquidity support to the CCP. Report only the drawn and undrawn amounts as of the reporting date (ie this is not a flow variable). Do not include negative variation margin. Only include financial resources provided to CCPs.

Item 18.k: Provision of settlement services in connection with centrally-cleared transactions

201. Report the total value of all outgoing payments made to fulfil payments obligations in relation to (both cash-settled and deliverable) transactions cleared by CCPs in the reporting year. This amount should include all cash payments related to initial margin and default fund postings, variation margin calls, delivery, any other margin (eg margin add-ons), and settlement payments sent in the reporting year regardless of whether it is made for the reporting group's own account or on behalf of clients. The value of initial or variation margin posted in the form of securities (eg bonds or shares) should not be reported as a guarantee.

202. For example, assume that the reporting group initiates several derivative contracts for its own account and on behalf of its clients, which are all cleared through a CCP. At initiation, the reporting group makes payment to the CCP in the amount of 50 euros. As the market moves, the net value of the derivative contracts changes, which triggers variation margin (VM) calls. If the reporting group pays 3 euros in VM on day one, receives 5 euros in VM on day two, and receives a final settlement payment of 70 euros on day three, the reporting group shall report a total of $50+3=53$ euros in outgoing payments.

203. Settlement services comprise any payment made to the CCP. This includes payments made as a direct member of the CCP, as a provider of liquidity or other facilities to the CCP (including under repo arrangements), or as a provider of payment and settlement services on behalf of the CCP. Report all outgoing payments regardless of purpose, including, but not limited to, all margin postings, principal, fee and interest amounts. Report outgoing amounts regardless of whether the bank makes payments directly to the CCP (eg when both the CCP and the bank are members of the system used to settle payments) or if payment is made through a correspondent arrangement for the benefit of the CCP (eg when the bank or the CCP are not members of the system used to settle payment).

Item 18.l(1-3) Payments and transactions made in the reporting year (excluding intragroup payments) to central banks

204. Instructions for the individual items are provided in the subsections that follow. For all of the subsections on payments made in the reporting year (ie items 18.l. through 18.l.(3)) report outgoing cash payments and transactions to all reserve accounts at central banks the bank operates in, in the currencies reported for Section 6 per the end-2018 G-SIB instructions. Use the comments column of the template to inform why transactions reported under Item 18.l.(1-3) correspond to payments as defined in Section 6.

Item 18.l: Payments made in the reporting year (excluding intragroup payments): of which those that are made to central banks

205. Report payments to central banks that are included in items 6.a.–n. (Section 6 Payments). For this item the definition of payments is the same as indicated in Section 6. If such payments are not reported

in items 6.a.-n., this item will be equal to zero. Do not include intragroup transactions where the reporting bank is both originator and beneficiary of cash transfers.

206. The following three sub-items are a breakdown of payments to central banks. These items should be reported by **all** reporting banks, including those that do not include payments to central bank accounts in items 6.a-n and therefore report zero for item 18.l.⁴⁴

Item 18.l.(1): Transactions related to central bank operations

207. Report transactions related to central bank operations (eg mandatory outgoing payments to central bank accounts related to reserve requirements).

Item 18.l.(2): Payments related to the purchase of sovereign debt

208. Report payments related to the purchase of sovereign debt, whereas the central bank acts as an intermediary in order to settle purchases of primary issued sovereign debts. Note: this line item may not be applicable to certain jurisdictions.

18.l.(3): Other transactions to central banks

209. Please report other transactions that are not captured in any of the items 18.l.(1)-(2). Use the comments column of the template to inform which transactions have been reported under this item.

2.10.4 Section 19: Complexity Items

210. For items 19.a-19.f and 19.h use the same definitions and rules as Section 9 except for the perimeter. Include all operations of insurance subsidiaries which are part of the group, after deduction of intragroup transactions and with the same perimeter as item 16.d. These items should at minimum be equal to the corresponding items in the referenced sections of the template, net of any intragroup exposures that are deducted in the accounting process.⁴⁵ Items 19.i-j should be reported on a best-efforts basis.

Item 19.a: Notional amount of over-the-counter (OTC) derivatives, including insurance subsidiaries

211. Report the total notional amount of over-the-counter (OTC) derivatives of the banking group, including all OTC derivatives of insurance subsidiaries which are part of the group, after deduction of intragroup transactions and with the same perimeter as item 16.d.

Item 19.b: Trading and available-for-sale (AFS) securities (gross of deduction of liquid assets), including insurance subsidiaries

212. Report the total of trading and available-for-sale (AFS) securities, including all trading and AFS securities of insurance subsidiaries which are part of the group, after deduction of intragroup transactions and with the same perimeter as item 16.d. Do not deduct the value of securities that qualify as Level 1 and Level 2 liquid assets.

⁴⁴ The sum of these three sub-items is equal to the total amount of payments to the central bank. If the items below are included in items 6.a-n. but it is not possible to specifically identify them, please provide an estimation or report zero and indicate in the comment zone "not available" with an explanation of why the identification is not possible. If one or several (or all) of these items is (are) not applicable to the reporting bank, please report zero and indicate in the comment zone "not applicable" with reasons justifying this latter comment (eg no transaction meeting the definition of payment as indicated in Section 6). Use the comments column of the template to inform how transactions reported under Item 18.l.(1-3) relate to payments as defined in Section 6.

⁴⁵ Example: if Bank A (total assets €40) has an insurance subsidiary B whose total assets are €20, of which €3 are intragroup transactions to A, the respondent should report €57 as their consolidated assets.

Item 19.c: Trading and AFS securities including insurance subsidiaries that meet the definition of Level 1 assets

213. Report the fair value of all trading and AFS securities including insurance subsidiaries that qualify as Level 1 liquid assets according to paragraphs 50(c), 50(d) and 50(e) of the Basel III LCR.⁴⁶ Include qualifying securities even if they do not fulfil the LCR operational requirements outlined in paragraphs 31–40 of the Basel II LCR.⁴⁷ The determination of Level 1 securities is exactly similar, be these securities held by a banking or insurance entity.

Item 19.d: Trading and AFS securities including insurance subsidiaries that meet the definition of Level 2 assets, with haircuts

214. Report the fair value, **after applying haircuts**, of all trading and AFS securities including insurance subsidiaries that qualify as Level 2 assets according to paragraphs 52 and 54 of the Basel III LCR.⁴⁸ Include qualifying securities even if they do not fulfil the LCR operational requirements outlined in paragraphs 31–40.⁴⁹ Level 2A, Level 2B RMBS and Level 2B non-RMBS **assets should be reported with haircuts of 15%, 25% and 50%**, respectively. The caps outlined in paragraphs 46–48 and 51 should not be applied.⁵⁰ The determination of Level 2 securities and of applicable haircuts is exactly similar, be these securities held by a banking or insurance entity.

Item 19.e: Trading and AFS securities, held by insurance subsidiaries only

215. Report trading and AFS securities meeting definitions provided in Items 10.a and 10.b (ie fair value of all trading and AFS securities without any haircut) held by insurance subsidiaries. Do not include intra-group transactions.

Item 19.f: Level 3 assets, including insurance subsidiaries

216. Report the total Level 3 assets of the banking group (with the same definition used for Item 11, ie assets that are priced on a recurring basis on the balance sheet using Level 3 measurement inputs), including all Level 3 assets of insurance subsidiaries which are part of the group, after deduction of intragroup transactions and with the same perimeter as item 16.d.

Item 19.g: Assets valued for accounting purposes using Level 2 measurement inputs

217. Report the gross fair value of all assets that are priced on a recurring basis on the balance sheet using Level 2 measurement inputs. Internationally-recognised accounting standards commonly use a three-level fair value hierarchy that prioritises inputs used to measure fair value based on observability. Do not include assets that are measured at fair value for disclosure purposes only (ie if the assets are not carried at fair value on the balance sheet using level 2 measurement inputs the assets should not be included in the Level 2 total).

Item 19.h: Level 2 assets, including insurance subsidiaries

218. Report the total Level 2 assets of the banking group (with the same definition used for Item 19.g, ie assets that are priced on a recurring basis on the balance sheet using Level 2 measurement inputs), including all Level 2 assets of insurance subsidiaries which are part of the group, after deduction of intragroup transactions and with the same perimeter as item 16.d.

⁴⁶ See Basel III: The Liquidity Coverage Ratio and liquidity risk monitoring tools at www.bis.org/publ/bcbs238.pdf

⁴⁷ Ibid.

⁴⁸ Ibid.

⁴⁹ Ibid.

⁵⁰ Ibid.

Item 19.i: Average value of Level 3 assets

219. Report the average value of Level 3 assets, calculated as an average of weekly data over the last three months preceding the reference date. If weekly data are not available and they cannot be estimated, please provide an average value based on monthly data. In case both weekly and monthly data are not available or cannot be estimated, report the value of Level 3 assets at the end of the quarter preceding the reference date. Indicate in the remark and in the comment which of the approaches described above has been used.

Item 19.j: Average value of Level 2 assets

220. Report the average value of Level 2 assets, calculated as an average of weekly data over the last three months preceding the reference date. If weekly data are not available and they cannot be estimated, please provide an average value based on monthly data. In case both weekly and monthly data are not available or cannot be estimated, report the value of Level 2 assets at the end of the quarter preceding the reference date. Indicate in the remark and in the comment which of the approaches described above has been used.

2.10.5 Section 20: Cross-Jurisdictional Activity Items

221. Items 20.f through 20.m and 20.p through 20.r replicate certain cross-jurisdictional items with the only difference that the Euro Area (EA) is treated as a single jurisdiction. As stated in Section 12 all data collected refer to consolidated activities, excluding all intra-office claims. These items aim at measuring the impact of Euro Area as a single jurisdiction on Cross-Jurisdictional indicators. Please use the European Commission list of countries.⁵¹

222. If the responding bank is not a EA bank all items, except the ones related to local claims/liabilities in local currency, will not differ from their equivalent line items in the end-2018 G-SIB assessment which do not consider the EA as a single jurisdiction.

223. For each item the bank cannot consider the EA countries as a single jurisdiction due to systems/IT limitations in Sections 20 or 22, the bank should enter the commensurate figure from Section 12, 13 or 14 which considers the EA countries individually as separate jurisdictions. The bank should comment in Column L of the template that the bank cannot consider the EA countries as a single jurisdiction for completing the end-2018 G-SIB exercise and briefly describe the bank's idiosyncratic data collection limitation which precludes the bank from considering the EA as a single jurisdiction. Please also comment in Column L as to if the firm would be able to potentially configure its systems/IT to consider the EA as a single jurisdiction for a future data collection.

Item 20.a: Foreign derivative claims on an ultimate risk basis

224. Report the positive fair value of all derivative claims that, on an ultimate risk basis, are cross-border claims, local claims of foreign affiliates in foreign currency, or local claims of foreign affiliates in local currency. Cross-border claims extend from an office in one country to a borrower in another country. Local claims of foreign affiliates in foreign and local currency extend from the local office of the bank to borrowers in that location. Derivatives include forwards, swaps, and options related to foreign exchange, interest rate, equity, commodity, and credit instruments. Include purchased credit derivatives, such as credit default swaps and total return swaps, that hedge or offset credit protection sold or are held for trading purposes. Purchased credit derivatives⁵² are classified as held for trading if they were not obtained for the purposes of risk transfer (ie the firm does not own the underlying instrument). Include the market value of any credit protection that exceeds the value of the immediate claim it was purchased to guarantee.

⁵¹ Available at: https://ec.europa.eu/info/business-economy-euro/euro-area/what-euro-area_en#whos-already-in

⁵² More details are provided in Part E (frequently asked questions and reporting examples) of Guidelines for reporting the BIS international banking statistics, cf. Q13.

Sold credit derivatives are classified as guarantees and thus should not be reported. Note that all derivatives instruments with a positive fair value should be treated as claims.

225. The positive fair values of derivative contracts may be offset against negative fair values if and only if the positions were executed with the same counterparty under a legally enforceable netting agreement. Otherwise, positive fair values must be reported gross. Only netting sets with a positive value should be included here. Netting sets where the net result is negative should be captured in item 20.b. Report derivative claims gross of any cash collateral.

226. Include only third party foreign derivative claims. The consolidated figure should not include intragroup transactions. The consolidated figure should also not include intercompany transactions.

227. When the final risk lies with the counterparty, a derivative is considered foreign if the counterparty is not in the bank's home jurisdiction. When the final risk lies with the guarantor, a derivative is considered foreign if the guarantor is not in the bank's home jurisdiction (eg the collateral consists of government securities from other countries).

228. When reporting on an immediate risk basis, the claims are allocated to the country of residence of the immediate counterparty. When reporting on an ultimate risk basis, the claims are allocated to the country in which the guarantor of the claim resides and/or the country in which the head office of a legally dependent branch is located.⁵³

Item 20.b: Foreign liabilities on an immediate risk basis (including derivatives)

229. Report total foreign liabilities, including derivatives, on an immediate risk basis. Note that internationally active banks report total liabilities (ie domestic and foreign) to the central bank in their home jurisdiction for the compilation of the BIS consolidated international banking statistics.⁵⁴ Do not include securities liabilities that are tradable financial assets issued by the bank. All other foreign liabilities should be reported. Note that the negative fair values of derivative contracts may be offset against positive fair values if and only if the positions were executed with the same counterparty under a legally enforceable netting agreement. Report derivatives liabilities gross of any collateral (cash and non-cash). Refer also to provisions of item 20.a when appropriate (eg definition of derivatives; handling of credit derivatives; etc.). Data collected refer to consolidated activities; intra-office liabilities have to be excluded.

230. Include the liabilities of all offices (ie headquarters, branches and subsidiaries in different jurisdictions) to entities outside the local market, along with liabilities to non-residents within the home country.

Item 20.b.(1): Foreign derivative liabilities on an immediate risk basis

231. Report total foreign derivative liabilities on an immediate risk basis. Note that internationally active banks report total derivative liabilities (ie domestic and foreign) to the central bank in their home jurisdiction for the compilation of the BIS consolidated international banking statistics.⁵⁵ Similar to item 20.c. data collected refer to consolidated activities: exclude all intra-office derivative liabilities. Note also that this value is a subset of total foreign liabilities on an immediate risk basis (item 20.b). Refer also to the definitions provided for Item 20.a when appropriate (definition of derivatives, handling of credit derivatives, etc.).

⁵³ For more information, see the reporting requirements for the consolidated banking statistics available at www.bis.org/statistics/bankstatsguide_repreqcons.pdf

⁵⁴ See *Guidelines for reporting the BIS international banking statistics* (March 2013), section C.4.2, available at www.bis.org/statistics/bankstatsguide.pdf.

⁵⁵ Ibid.

Item 20.c: Local liabilities in local currency (including derivatives activity)

232. Report the value of all foreign-office liabilities in local currency, including liabilities from positions in derivative contracts. Note that the negative fair values of derivative contracts may be offset against positive fair values if and only if the positions were executed with the same counterparty under a legally enforceable netting agreement. The definition of this item is exactly the same as item 13.b with the difference liabilities from positions in derivative contracts have to be included.

Item 20.d: Cross-jurisdictional local claims in local currency on an ultimate risk basis (excluding derivatives activity)

233. Report the value of all foreign-office local claims in local currency excluding claims from positions in derivatives contracts. As stated in Section 12, since data collected refer to consolidated activities, they exclude all intra-office claims. In this item, "local claims in local currency" is defined similarly to the glossary of the consolidated banking statistics guidelines (ie asset positions in local currency booked in a foreign office with any counterparty located in the same country as the above mentioned foreign office).

Item 20.e: Cross-jurisdictional local claims in local currency on an ultimate risk basis (including derivatives activity)

234. Report the value of all foreign-office local claims in local currency including claims from positions in derivatives contracts. Note that the positive fair values of derivative contracts may be offset against negative fair values if and only if the positions were executed with the same counterparty under a legally enforceable netting agreement. As stated in Section 12, since data collected refer to consolidated activities, they exclude all intra-office claims. In this item, "local claims in local currency" is defined similarly to the glossary of the consolidated banking statistics guidelines (ie asset positions in local currency booked in a foreign office with any counterparty located in the same country as the above mentioned foreign office).

Item 20.f: Total foreign claims on an ultimate risk basis (considering Euro Area as a single jurisdiction)

235. The definition of this item is exactly the same as item 12.a (Section 12. Cross-Jurisdictional claims) with one difference: all exposures to counterparties which are residents (on an ultimate risk basis point of view) of a Euro Area country have to be considered as exposures to a single jurisdiction (Euro Area). It involves for Euro Area banks that such exposures are domestic ones and should be excluded from item 20.d. If the responding bank is not headquartered in EA, this item must be equal to item 12.a.

Item 20.g: Foreign derivatives claims on an ultimate basis (considering Euro Area as a single jurisdiction)

236. The definition of this item is exactly the same as item 20.a (Foreign derivative claims on an ultimate risk basis) with the same aforementioned difference (Euro Area as a single jurisdiction). If the responding bank is not headquartered in EA, this item must be equal to item 20.a.

Item 20.h: Foreign liabilities on an immediate risk basis, including derivatives (considering Euro Area as a single jurisdiction)

237. The definition of this item is exactly the same as item 20.b (Foreign liabilities on an immediate risk basis including derivatives) with the same aforementioned difference (Euro Area as a single jurisdiction). If the responding bank is not headquartered in EA, this item must be equal to item 20.b.

Item 20.h.(1): Foreign derivatives liabilities on an immediate risk basis (considering Euro Area as a single jurisdiction)

238. The definition of this item is exactly the same as the item 20.b.(1), (Foreign derivative liabilities on an immediate risk basis) with same aforementioned difference (Euro Area as a single jurisdiction). If the responding bank is not headquartered in EA, this item must be equal to item 20.b.(1).

Item 20.i: Cross-jurisdictional local claims in local currency, excluding derivatives activity (considering Euro

Area as a single jurisdiction)

239. The definition of this item is exactly the same as item 20.d (Cross-jurisdictional local claims in local currency on an ultimate risk basis (excluding derivatives activity)), with same aforementioned difference (Euro Area as a single jurisdiction). For a non EA bank, claims booked by EA branches or subsidiaries in local currency and contracted with counterparties located in any EA country will be considered as local claims in local currency.

Item 20.j: Cross-jurisdictional local claims in local currency, including derivatives activity (considering Euro Area as a single jurisdiction)

240. The definition of this item is exactly the same as item 20.i (Cross-jurisdictional local claims in local currency, excluding derivatives activity (considering Euro Area as a single jurisdiction)), with the difference that claims from positions in derivatives contracts have to be included. Note that the positive fair values of derivative contracts may be offset against negative fair values if and only if the positions were executed with the same counterparty under a legally enforceable netting agreement.

Item 20.k: Foreign Liabilities (excluding derivatives and local liabilities in local currency) (considering Euro Area as a single jurisdiction)

241. The definition of this item is exactly the same as item 13.a with the same aforementioned difference (Euro Area as a single jurisdiction). If the responding bank is not headquartered in EA, this item must be equal to item 13.a.

Item 20.k.(1): Any foreign liabilities to related offices included in item 20.k (considering Euro Area as a single jurisdiction)

242. The definition of this item is exactly the same as item 13.a.(1) with the same aforementioned difference (Euro Area as a single jurisdiction). If the responding bank is not headquartered in EA, this item must be equal to item 13.a.(1).

Item 20.l: Local liabilities in local currency excluding derivatives (considering Euro Area as a single jurisdiction)

243. Report the value of all foreign-office liabilities in local currency excluding liabilities from positions in derivatives contracts. The definition of this item is the same as the one of item 13.b (local liabilities in local currency). The difference compared to item 13.b is Euro Area considered as a single jurisdiction. For a non EA bank, liabilities booked by EA branches or subsidiaries and contracted in local currency with counterparties located in any EA country will be considered as local liabilities in local currency.

Item 20.m: Local liabilities in local currency including derivatives (considering Euro Area as a single jurisdiction)

244. Report the value of all foreign-office liabilities in local currency including liabilities from positions in derivatives contracts. Note that the negative fair values of derivative contracts may be offset against positive fair values if and only if the positions were executed with the same counterparty under a legally enforceable netting agreement. The other difference compared to item 13.b is Euro Area considered as a single jurisdiction. For the remaining aspects the definition of this item is the same as the one of item 13.b (local liabilities in local currency). For a non EA bank, liabilities booked by EA branches or subsidiaries and contracted in local currency with counterparties located in any EA country will be considered as local liabilities in local currency.

Item 20.n: Total net local positions in local currency including derivatives, if net positive

245. All reporting banks should report the sum of local claims in local currency minus local liabilities in local currency booked by foreign branches or subsidiaries (ie affiliates located outside of the headquarters' jurisdiction) in all countries where the net is positive.^{56 57}

Item 20.o: Total net local positions in local currency including derivatives, if net negative

246. All reporting banks should report the sum of local claims in local currency minus local liabilities in local currency booked by foreign branches or subsidiaries (ie affiliates located outside of the headquarters' jurisdiction) in all countries where the net is negative. Report in absolute values.⁵⁸

Item 20.p: Total net local positions in local currency in non-EA countries including derivatives, if net positive (considering EA as a single jurisdiction)

247. All reporting banks should report the sum of local claims in local currency minus local liabilities in local currency booked by foreign branches or subsidiaries located in non-EA countries where the net is positive.⁵⁹

Item 20.q: Total net local positions in local currency in non-EA countries including derivatives, if net negative (considering EA as a single jurisdiction)

248. All reporting banks should report the sum of local claims in local currency minus local liabilities in local currency booked by foreign branches or subsidiaries located in non-EA countries where the difference is negative. Report in absolute values.⁶⁰

Item 20.r: Total net local positions in local currency in EA countries including derivatives (considering EA as a single jurisdiction)

249. Non-EA reporting banks should report the sum of local claims in local currency minus local liabilities in local currency booked by branches or subsidiaries located in EA countries with counterparties in any EA country. Note that for banks headquarters in the EA, this item must be zero as these claims and liabilities will be considered domestic positions. When the net is positive, report as a positive value; when the net is negative, report a negative value (ie do not report in absolute value).⁶¹

⁵⁶ First example: a US bank has branches/subsidiaries in FR, IT, JP and MX, which have booked the following local claims/liabilities in local currency including derivatives activity: FR: 50-110=-60; IT: 120-100= 20; JP: 50-80=-30; MX: 150-130=20; Additionally, the branch in France has granted claims to residents in Germany amounting to 70€ (considered as local claims in local currency when EA is a single jurisdiction). The US bank should report Item 20.n.=40; Item 20.o.=90; Item 20.p.=20; Item 20.q.=30; Item 20.r.=30.

Second example: a NL bank has branches/subsidiaries in FR, IT, JP and MX, which have booked the following local claims/liabilities in local currency including derivatives activity: FR: 50-110=-60; IT: 120-100= 20; JP: 50-80=-30; MX: 150-130=20; Additionally, the branch in France has granted claims to residents in Germany amounting to 70€ (considered as local claims in local currency when EA is a single jurisdiction). The NL bank should report Item 20.n.=40; Item 20.o.=90; Item 20.p.=20; Item 20.q.=30; Item 20.r.=0.

⁵⁷ Note that the positive fair values of derivatives contracts may be offset against negative fair values, and vice versa, if and only if the positions were executed with the same counterparty under a legally enforceable netting agreement.

⁵⁸ Ibid.

⁵⁹ Ibid.

⁶⁰ Ibid.

⁶¹ Ibid.

2.10.6 Section 21: Short-term Funding Items

250. All of the items below are derived from the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013, <http://www.bis.org/publ/bcbs238.pdf>) and NSFR tabs of the June 2018 Basel III Monitoring workbook (v 3.8.3). The reporting template and instructions for the monitoring exercise of NSFR are available at www.bis.org/bcbs/qis/. Report all data as of the reporting date specified in item 1.a.(3).

Item 21.a: Secured funding captured in the liquidity coverage ratio (LCR)

Item 21.a.(1): Funding backed by Level 1 liquid assets

251. Report secured funding with a maturity of 30 days or less that is backed by Level 1 liquid assets. Please report this funding by following paragraph 114 and 115 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.a.(2): Funding backed by Level 2A liquid assets

252. Report secured funding with a maturity of 30 days or less that is backed by Level 2A liquid assets. Please report this funding by following paragraph 114 and 115 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.a.(3): Funding backed by Level 2B liquid assets

253. Report secured funding with a maturity of 30 days or less that is backed by Level 2B liquid assets. Please report this funding by following paragraph 114 and 115 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.a.(4): Funding backed by non-HQLA

254. Report secured funding with a maturity of 30 days or less that is backed by non-HQLA. Please report this funding by following paragraph 114 and 115 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.a.(5): ABS, structured financing instruments, ABCP, conduits, SIVs and other such funding activities

255. Report asset-backed securities (ABS), asset-backed commercial paper (ABCP), conduits, securities investment vehicles (SIVs) and other such financing facilities maturing or returnable in 30 days or less. Please report this activity by following paragraph 124 and 125 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.a.(6): Collateral Swaps

256. Report certain collateral swaps maturing within 30 days where non-cash assets are swapped for other non-cash assets. Please report the relevant activity by following paragraph 48, 113, 146 and Annex 1 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.b: Unsecured wholesale funding captured in the LCR

Item 21.b.(1): Operational deposits from non-financial entities

257. Report select operational deposits from non-financial entities. Please report these deposits by following paragraph 93-104 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.b.(2): Operational deposits from financial institutions

258. Report select operational deposits from financial institutions. Please report these deposits by following paragraph 93-104 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.b.(3): Non-operational deposits from non-financial entities

259. Report non-operational deposits from non-financial entities. Please report these deposits by following paragraph 93-104 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.b.(4): Non-operational deposits from financial institutions and unsecured debt issuance

260. Report non-operational deposits from financial institutions along with the unsecured debt issuance. Please report these values by following paragraph 107 and 108 in the document of "Basel III; Liquidity Coverage Ratio and liquidity risk monitoring tools" (January 2013). The item should be reported on a best-efforts basis.

Item 21.c: Secured funding captured in the net stable funding ratio (NSFR)

Item 21.c.(1): Secured funding with a maturity of less than 6 months

261. Report secured funding with a maturity of less than 6 months. This funding is captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =SUM(NSFR!D43:D47)

Item 21.c.(2): Secured funding with a maturity of between 6 months and 1 year

262. Report secured funding with a maturity of between 6 months and 1 year. This funding is captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =SUM(NSFR!E43:E47)

Item 21.d: Unsecured wholesale funding captured in the NSFR with a maturity of less than 6 months

Item 21.d.(1): Operational deposits from non-financial entities

263. Report operational deposits from non-financial entities. These deposits are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!D14+NSFR!D21+NSFR!D26

Item 21.d.(2): Operational deposits from financial institutions

264. Report operational deposits from financial institutions. These deposits are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!D33

Item 21.d.(3): Non-operational deposits and non-deposit unsecured funding from non-financial entities

265. Report non-operational deposits and non-deposit unsecured funding from non-financial entities. These deposits are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!D15+NSFR!D16+NSFR!D22+NSFR!D23+NSFR!D27+NSFR!D28

Item 21.d.(4): Non-operational deposits and other wholesale funding from financial institutions

266. Report non-operational deposits and other wholesale funding from financial institutions. These values are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!D34+NSFR!D35+NSFR!D39+NSFR!D41

Item 21.e: Unsecured wholesale funding captured in the NSFR with a maturity between 6 months and 1 year

Item 21.e.(1): Operational deposits from non-financial entities

267. Report operational deposits from non-financial entities. These deposits are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!E14+NSFR!E21+NSFR!E26

Item 21.e.(2): Operational deposits from financial institutions

268. Report operational deposits from financial institutions. These deposits are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!E33

Item 21.e.(3): Non-operational deposits and non-deposit unsecured funding from non-financial entities

269. Report non-operational deposits and non-deposit unsecured funding from non-financial entities. These deposits are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!E15+NSFR!E16+NSFR!E22+NSFR!E23+NSFR!E27+NSFR!E28

Item 21.e.(4): Non-operational deposits and other wholesale funding from financial institutions and debt issuance

270. Report non-operational deposits and other wholesale funding from financial institutions. These values are captured in the NSFR tab of the Basel III Monitoring workbook.

- FORMULA =NSFR!E34+NSFR!E35+NSFR!E39+NSFR!E41

2.10.7 Section 22: Ancillary Items

Item 22.a: Foreign net revenue (considering the Euro Area as a single jurisdiction)

271. This item is defined as the ancillary item 14.f (Foreign net revenue). The difference between this item and 14.f is that the Euro Area is considered a single jurisdiction. Net revenues of head office, all branches located in Euro Area or consolidated subsidiaries located in Euro Area are excluded from item 22.a as they are considered domestic revenues.

Item 22.b: Number of jurisdictions (considering the Euro Area as a single jurisdiction)

272. This item is defined as the ancillary item 14.k. The difference between this item and 14.k is that the Euro Area is considered a single jurisdiction. As a consequence, all entities located in the Euro Area for the purposes of this item are considered to be from the same single jurisdiction.

2.11 Checks Summary

2.11.1 Section 23: Indicator Values

273. This section displays the totals for each of the twelve indicators used in the G-SIB assessment methodology, both in the reported currency/unit combination and in millions of euros. **Note that an indicator will only be calculated if all of the associated input cells are free of errors in the data checks column.** This section also includes a comments column for providing explanations of significant changes in indicator values when compared to the previous data collection exercise.

274. The checks column specifies which sections contain data errors. Note that missing data in the General Information section (Section 1) can cause data errors elsewhere in the template. Please review all checks prior to submitting the completed template.

Appendix 1

Cross references to the Basel III monitoring workbook

National supervisory authorities will provide banks guidance and instructions on how to apply the references in the table below to complete Section 2 of the end-2018 G-SIB template as the references to the Basel III monitoring workbook are no longer available. The national supervisory authority is responsible for ensuring the values reported by a bank for Items 2.a.(1) through 2.e in the end-2018 G-SIB assessment match the corresponding items of the Basel III leverage ratio framework and disclosure requirements (January 2014).

Item reference for this exercise	Item ID	Heading
2.a.(1)	GSIB1012	Counterparty exposure of derivatives contracts
2.a.(2)	GSIB1201	Capped notional amount of credit derivatives
2.a.(3)	GSIB1018	Potential future exposure of derivative contracts
2.b.(1)	GSIB1013	Adjusted gross value of securities financing transactions (SFTs)
2.b.(2)	GSIB1014	Counterparty exposure of SFTs
2.c	GSIB1015	Other assets
2.d.(1)	GSIB1019	Notional amount of off-balance-sheet items with a 0% credit conversion factor (CCF)
2.d.(2)	GSIB1022	Notional amount of off-balance-sheet items with a 20% CCF
2.d.(3)	GSIB1023	Notional amount of off-balance-sheet items with a 50% CCF
2.d.(4)	GSIB1024	Notional amount of off-balance-sheet items with a 100% CCF
2.e	GSIB1031	Regulatory adjustments

Appendix 2

Guidance on definition of derivatives and embedded derivatives

The following guidance is taken from "International Accounting Standard 39 – Financial Instruments: Recognition and Measurement."

9 – Definition of a derivative

A **derivative** is a financial instrument or other contract within the scope of this Standard (see paragraphs 2–7) with all three of the following characteristics:

- (a) its value changes in response to the change in a specified interest rate, financial instrument price, commodity price, foreign exchange rate, index of prices or rates, credit rating or credit index, or other variable, provided in the case of a non-financial variable that the variable is not specific to a party to the contract (sometimes called the "underlying");
- (b) it requires no initial net investment or an initial net investment that is smaller than would be required for other types of contracts that would be expected to have a similar response to changes in market factors; and
- (c) it is settled at a future date.

10,11 – Definition of an embedded derivative

An **embedded derivative** is a component of a hybrid (combined) instrument that also includes a non-derivative host contract – with the effect that some of the cash flows of the combined instrument vary in a way similar to a stand-alone derivative. An embedded derivative causes some or all of the cash flows that otherwise would be required by the contract to be modified according to a specified interest rate, financial instrument price, commodity price, foreign exchange rate, index of prices or rates, credit rating or credit index, or other variable, provided in the case of a non-financial variable that the variable is not specific to a party to the contract. A derivative that is attached to a financial instrument but is contractually transferable independently of that instrument, or has a different counterparty from that instrument, is not an embedded derivative, but a separate financial instrument.

Appendix 3

Guidance on reporting of financial instruments for items 10.a.-b.

The following table⁶² provides some guidance on how items 10.a.-b. should be reported by banks that switched from IAS 39 to IFRS 9.⁶³

The definitions of "Held for trading", "Available for sale", "Loans and Receivables" and "Held to Maturity" are the ones of Paragraph 9 of International Accounting Standard 39 – Financial Instrument recognition and measurement. The definitions of "Fair Value Through Profit and Loss", "Fair Value through Other Comprehensive Income", "Amortised Cost" are the ones of paragraphs 4.1.1 to 4.1.4 of IFRS 9 Financial Instruments. Please, note that when mentioning "trading" in the second column of this table, one should refer to "held for trading" as this notion is exactly the same in IAS 39 and IFRS 9. "Designated at fair value" (first column – IAS 39) and "option" (second column – IFRS 9) refer exactly to the same concept.

⁶² For instance, the first row of the table should be interpreted as following. Former IAS 39 securities would be included in Fair Value Through Profit and Loss (FVTPL) IFRS 9 category. They were reported in Item 10.a. and should be reported in Item 10.a.: in this case, the change in accounting standard does not modify the content of Trading and AFS indicator.

⁶³ The classification of assets in IFRS 9 is based on two criteria:

- the entity's business model for managing the financial assets and
- the contractual cash flow characteristics of the financial asset.

As a result, a financial asset should be measured at amortised cost if both the following conditions are met:

- the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows and
- the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest (SPPI test) on the principal amount outstanding.

A financial asset shall be measured at FVTOCI if both of the following conditions are met:

- the financial asset is held within a business whose both collecting contractual cash flows and selling financial assets and
- the contractual terms of the financial asset give rise on specified to cash flows that are solely payment of principal and interests (SPPI test) on the principal amount outstanding.

A financial asset shall be measured at fair value through profit and loss (FVTPL) unless it is measured at amortised cost or at FVTOCI. At initial recognition, an entity may make irrevocably an election for particular equity investments that would otherwise be measured at FVTPL. The option to designate assets at FVTPL that would have been otherwise classified in Amortised cost or FVTOCI categories should be used at initial recognition provided that:

- if doing so eliminates or significantly reduces a measurement or recognition inconsistency (referred to as an 'accounting mismatch') or
- if these assets are included in a group of financial liabilities or assets managed on a fair value basis (eg performance evaluated on a fair value basis).

IAS 39 categories	IFRS 9 categories	IAS 39	IFRS 9
Held for Trading	FVTPL trading	Item 10.a	Item 10.a
Designated at Fair Value	FVTPL (option) Securities managed on a fair value basis or designated at fair value in order to reduce an "accounting mismatch" which qualify for SPPI test.	Item 10.a	Item 10.a
Designated at Fair Value	FVTPL non trading Securities managed on a fair value basis or designated at fair value in order to reduce an accounting mismatch which do not qualify for SPPI test.	Item 10.a	Item 10.a
Available for sale	FVTPL non trading AFS assets that do not qualify for SPPI test – ie cash flows that are solely payment of principal and interests on the principal outstanding.	Item 10.b	Item 10.a
Available for sale	FVTOCI If an asset qualifies for SPPI test and is held within a business model whose objective is achieved by both collecting contractual cash flows and selling assets. FVTOCI as described in paragraph 4.1.4 of IFRS 9 An investment in equity securities (according to IAS 32 definition) may be irrevocably classified in FVTOCI category at initial recognition (or at initial application of IFRS 9 – cf. below paragraph 7.2.8.b of IFRS 9).	Item 10.b	Item 10.b
Available for sale	Amortised Cost If an AFS asset qualifies for SPPI test and is held within a business model whose objective is achieved by collecting contractual cash flows.	Item 10.b	Out of the scope of Trading and AFS indicator
Loans and Receivables and Held to maturity	Amortised Cost Listed or non-listed on an active market debt securities (IAS 39 definition) which qualify for SPPI test and within a business model whose objective is achieved by collecting contractual cash flows.	Excluded from Trading and AFS indicators	Excluded from Trading and AFS indicators
Loans and Receivables and Held to maturity	FVTOCI Listed or non-listed on an active market debt securities (IAS 39 definition) which qualify for SPPI test and within a business model whose objective is achieved by both collecting contractual cash flows and selling assets.	Excluded from Trading and AFS indicators	Item 10.b
Loans and receivables and Held to maturity	FVTPL non trading Listed or non-listed on active market debt securities (IAS 39 definition) which do not qualify for SPPI test.	Excluded from Trading and AFS indicators	Item 10.a

Reporting banks should also consider transitional provisions of IFRS 9 – namely the ones related to "Transition for classification and measurement" (paragraphs 7.2.3 to 7.2.16) – and changes in hedge accounting. For instance, the two following paragraphs may directly impact Items 10.a. and 10.b.:

Paragraph 7.2.8 is potentially applicable to former IAS 39 Available for sale securities (cf. particularly paragraph 7.2.8.a). This paragraph is below reproduced:

At the date of initial application an entity may designate:

- (a) a financial asset as measured at fair value through profit or loss in accordance with paragraph 4.1.5; or

- (b) an investment in an equity instrument as at fair value through other comprehensive income in accordance with paragraph 5.7.5.

Such a designation shall be made on the basis of the facts and circumstances that exist at the date of initial application. That classification shall be applied retrospectively.

Paragraph 7.2.9 is potentially applicable to former IAS 39 Designated at fair value through profit and loss securities. This paragraph is below reproduced:

At the date of initial application, an entity:

- (a) shall revoke its previous designation of a financial asset as measured at fair value through profit and loss if that financial asset does not meet the condition in paragraph 4.1.5
- (b) may revoke its previous designation of a financial asset as measured at fair value through profit and loss if that financial asset meets the condition in paragraph 4.1.5.

Such a revocation shall be made on the basis of the facts and circumstances that exist at the date of initial application. That classification shall be applied retrospectively.

Appendix 4

Guidance on definition of fair value hierarchy

The following guidance is taken from "International Financial Reporting Standard 7 – Financial Instruments: Disclosures."

27A

To make the disclosures required by paragraph 27B an entity shall classify fair value measurements using a fair value hierarchy that reflects the significance of the inputs used in making the measurements. The fair value hierarchy shall have the following levels:

- (a) quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1);
- (b) inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (ie as prices) or indirectly (ie derived from prices) (Level 2); and
- (c) inputs for the asset or liability that are not based on observable market data (unobservable inputs) (Level 3).

The level in the fair value hierarchy within which the fair value measurement is categorised in its entirety shall be determined on the basis of the lowest level input that is significant to the fair value measurement in its entirety. For this purpose, the significance of an input is assessed against the fair value measurement in its entirety. If a fair value measurement uses observable inputs that require significant adjustment based on unobservable inputs, that measurement is a Level 3 measurement. Assessing the significance of a particular input to the fair value measurement in its entirety requires judgement, considering factors specific to the asset or liability.

Appendix 5

Calculation of the 12 indicators

This appendix describes how the data are combined to calculate the values for each of the 12 indicators used in the G-SIB assessment methodology. The July 2013 publication *Global systemically important banks: updated assessment methodology and the higher loss absorbency requirement*⁶⁴ describes how these indicators are used to calculate the scores of individual banks.⁶⁵

The following table details the calculation of each of the 12 indicators using references to the individual data components described in Section 4 of this report. All indicator totals are expressed in terms of the reporting currency. In applying the assessment methodology to calculate banks' scores, the indicators are converted to euro using the exchange rate applicable on 31 December 2018.

Indicator-based measurement approach		
Category	Individual indicator	Calculation
Cross-jurisdictional activity	Cross-jurisdictional claims	GSIB1087
	Cross-jurisdictional liabilities	Max[GSIB1088-GSIB1089,0]+ GSIB1090
Size	Total exposures as defined for use in the Basel III leverage ratio	GSIB1012+GSIB1201 +GSIB1018+GSIB1013 +GSIB1014+GSIB1015+GSIB1019*0.1 +GSIB1022*0.2+GSIB1023*0.5+GSIB1024
Interconnectedness	Intra-financial system assets	GSIB1033+GSIB1035+GSIB1036+GSIB1037 +GSIB1038+GSIB1039+Max[GSIB1040 -GSIB1041,0]+ GSIB1213+GSIB1043+GSIB1044
	Intra-financial system liabilities	GSIB1046+GSIB1047+GSIB1105+GSIB1048 +GSIB1214+GSIB1050+GSIB1051
	Securities outstanding	GSIB1053+GSIB1054+GSIB1055+GSIB1056 +GSIB1057+GSIB1058+GSIB1059
Substitutability/financial institution infrastructure	Assets under custody	GSIB1074
	Payments activity	GSIB1061+GSIB1062+GSIB1063+GSIB1064 +GSIB1065+GSIB1066+GSIB1067+GSIB1068 +GSIB1069+GSIB1070+GSIB1108+GSIB1071 +GSIB1072
	Underwritten transactions in debt and equity markets	GSIB1075+GSIB1076
Complexity	Notional amount of over-the-counter (OTC) derivatives	GSIB1078+GSIB1079
	Level 3 assets	GSIB1086
	Trading and available-for-sale securities	Max[GSIB1081+GSIB1082-GSIB1083-GSIB1084,0]

⁶⁴ The document is available at www.bis.org/publ/bcbs255.htm.

⁶⁵ Note that the overall scores of individual banks are rounded to the nearest whole basis point prior to bucket allocation.

Appendix 6

Potential Issues to highlight for the end-2019 exercise

Size, Total Exposures

A bank's use of the Standardized Approach for Measuring Counterparty Credit Risk (SA-CCR) to measure OTC derivatives exposures may be incorporated to the Instructions for the end-2019 exercise.

Interconnectedness, IFSA & IFSL

A bank's use of SA-CCR to measure OTC derivatives exposures may be incorporated to the Instructions for the end-2019 exercise.

Complexity, OTC Derivatives

A bank's use of SA-CCR to measure OTC derivatives exposures may be incorporated to the Instructions for the end-2019 exercise.

Appendix 7

Issues to highlight for the end-2020 exercise

On 5 July, 2018 the Basel Committee on Banking Supervision published the revised assessment methodology and the higher loss absorbency requirement for global systemically important banks.⁶⁶

The Committee agreed to the following main enhancements to the G-SIB framework:

- Amending the definition of cross-jurisdictional indicators consistent with the definition of BIS consolidated statistics;
- Introducing a trading volume indicator and modifying the weights in the substitutability category;
- Extending the scope of consolidation to insurance subsidiaries.

Disclosure requirements were also revised.

The revised methodology details a transitional schedule for the implementation of these enhancements to the G-SIB framework. The revised assessment methodology will apply from 2021, based on end-2020 data.

Once the the revised assessment methodology applies the table contained in Annex 5 – detailing the calculation of each of the indicators using references to the individual data components described in Section 4 of this report – will cease to be valid.

⁶⁶ Available at <https://www.bis.org/bcbs/publ/d445.pdf>