Oversea-Chinese Banking Corporation Limited

Pillar 3 Disclosures (OCBC Group – As at 31 December 2022)



Incorporated in Singapore Company Registration Number: 193200032W



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Attestation Statement Pursuant to Monetary Authority of Singapore (MAS) Notice 637 on Risk Based Capital Adequacy Requirements – Disclosure Requirements (Pillar 3)

On behalf of the Board of Directors (Board), we are satisfied that the disclosures in this report have been prepared in accordance with the internal control processes approved by the Board for public disclosures.

24 Chin/ger

Goh Chin Yee Group Chief Financial Officer 24 February 2023



2. INTRODUCTION

This document presents the information in accordance with Pillar 3 (P3) disclosure requirements under Monetary Authority of Singapore (MAS) Notice 637 on Risk Based Capital Adequacy Requirements for Banks incorporated in Singapore. The P3 requirements specify reporting templates for most of the quantitative disclosures to enable market participants to better compare the capital adequacy and risk profile across banks via improved consistency in public disclosure.

For purpose of the year-end disclosure for OCBC Group (Group) as at 31 December 2022, explanations of the drivers behind significant differences between reporting periods for the respective sections are provided where appropriate. The disclosure on the RWA flow statements for the following are omitted as there is no exposure treated under these Approaches:

- Counterparty Credit Risk (CCR) under the Internal Models Method (IMM)
- Market Risk exposures under the Internal Models Approach (IMA)

As part of enhanced public disclosures on risk profile and capital adequacy driven by changes in Part XI of MAS Notice 637, a risk disclosure policy which includes establishing and maintaining internal control processes over the disclosure - among other requirements - has been approved by the Board. The Board has also appointed the Group Chief Financial Officer to attest that the Pillar 3 report has been prepared in accordance with the approved internal control processes.

3. ACCOUNTING AND REGULATORY CONSOLIDATION

The consolidation basis used for regulatory capital computation is similar to that used for financial reporting except for the following:

- Great Eastern Holdings Limited and its insurance subsidiaries are excluded from regulatory consolidation and are treated as investments in unconsolidated major stake companies that are financial institutions in accordance with MAS Notice 637's definition of insurance subsidiary. The regulatory adjustments applied to these investments are in accordance with MAS Notice 637 paragraphs 6.1.3(p), 6.2.3(e) and 6.3.3(e).
- As at 31 December 2022, the total equity of these insurance subsidiaries was S\$9 billion and total assets were S\$108 billion.

Disclosures on the Group's reconciliation of regulatory capital and regulatory capital position can be found in Section 6 of this document.

4. KEY METRICS

The table below provides an overview of the Group's prudential regulatory metrics, as stipulated by MAS Notice 637.

| | | (a) | (b) | (c) | (d) | (e) |
|----|--------------------------------------------------------------------------------|---------|---------|---------|---------|---------|
| | | Dec-22 | Sep-22 | Jun-22 | Mar-22 | Dec-21 |
| | Available Capital (S\$ million) | | | | | |
| 1 | CET1 Capital | 35,179 | 34,239 | 34,573 | 35,145 | 34,845 |
| 2 | Tier 1 Capital | 36,909 | 35,971 | 36,304 | 36,377 | 36,076 |
| 3 | Total Capital | 40,937 | 40,256 | 40,539 | 39,823 | 39,573 |
| | Risk Weighted Assets (S\$ million) | | | | | |
| 4 | Total RWA | 231,648 | 237,719 | 231,577 | 231,144 | 224,866 |
| | Risk-based Capital Ratios as a percentage of RWA (%) | | | | | |
| 5 | CET1 Ratio | 15.2 | 14.4 | 14.9 | 15.2 | 15.5 |
| 6 | Tier 1 Ratio | 15.9 | 15.1 | 15.7 | 15.7 | 16.0 |
| 7 | Total Capital Ratio | 17.7 | 16.9 | 17.5 | 17.2 | 17.6 |
| | Additional CET1 buffer requirements as a percentage of RWA (%) | | | | | |
| 8 | Capital conservation buffer requirement | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| 9 | Countercyclical buffer requirement | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 10 | Bank G-SIB and/or D-SIB additional requirements | - | - | - | - | - |
| 11 | Total of Bank CET1 specific requirements ^{1/} | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 |
| 12 | CET1 available after meeting the Reporting Bank's minimum capital requirements | 7.7 | 6.9 | 7.5 | 7.2 | 7.6 |
| | Leverage Ratio (S\$ million) | | | | | |
| 13 | Total Leverage Ratio exposure measure | 512,119 | 529,619 | 510,314 | 506,113 | 469,537 |
| 14 | Leverage Ratio (%) ^{2/} | 7.2 | 6.8 | 7.1 | 7.2 | 7.7 |
| | Liquidity Coverage Ratio (S\$ million) ^{3/} | | | | | |
| 15 | Total High Quality Liquid Assets | 79,896 | 76,620 | 74,042 | 74,186 | 70,437 |
| 16 | Total net cash outflow | 50,310 | 50,093 | 50,907 | 49,086 | 44,368 |
| 17 | Liquidity Coverage Ratio (%) | 159 | 153 | 146 | 151 | 159 |
| | Net Stable Funding Ratio (S\$ million) | | | | | |
| 18 | Total available stable funding | 285,347 | 287,125 | 284,915 | 280,653 | 274,655 |
| 19 | Total required stable funding | 243,897 | 249,496 | 243,876 | 237,212 | 227,629 |
| 20 | Net Stable Funding Ratio (%) | 117 | 115 | 117 | 118 | 121 |

 $^{\mbox{\tiny 1/}}$ Sum of rows 8, 9 and 10

^{2/} Computed by row 2 / row 13

^{3/} Reported as simple averages of daily observations for the respective quarter



5. G-SIB INDICATORS AND COUNTERCYCLICAL CAPITAL BUFFER

5.1 G-SIB Assessment Indicators

The Basel Committee on Banking Supervision (BCBS) has published indicators it uses to classify a Bank as a Global Systemically Important Bank (G-SIB). While OCBC is not a G-SIB, it is required under MAS Notice 637 to disclose the 14 G-SIB indicators. The G-SIB indicators disclosed in the table below are unaudited and have been prepared in accordance with the instructions issued by BCBS and may not be directly comparable with other disclosed information. The tables below list the G-SIB indicators of OCBC Group as at 31 December 2022 and 31 December 2021.

| | | 31 Dec 2022 | |
|---------|------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------|
| | Category | Indicators used for assessing G-SIB ^{2/} | Amount S\$ million |
| 1 | Cross-jurisdictional activity | Cross-jurisdictional claims | 268,796 |
| 2 | | Cross-jurisdictional liabilities | 277,208 |
| 3 | Size | Total exposures as defined for use in the Basel III leverage ratio ^{1/} | 625,114 |
| 4 | | Intra-financial system assets | 112,251 |
| 5 | Interconnectedness | Intra-financial system liabilities | 46,157 |
| 6 | | Securities outstanding | 103,601 |
| 7 | | Assets under custody | 139,579 |
| 8 | | Payments activity | 5,331,925 |
| 9 | Substitutability / financial institution infrastructure | Underwritten transactions in debt and equity markets | 5,720 |
| 10 | | Trading Volume - Fixed income securities | 93,597 |
| 11 | | - Equities and other securities | 141,673 |
| 12 | | Notional amount of OTC derivatives | 1,106,941 |
| 13 | Complexity | Level 3 assets | 7,007 |
| 14 | | Trading and available-for-sale securities | 30,637 |
| | | 31 Dec 2021 | |
| | | | Amount |
| | Category | Indicators used for assessing G-SIB ^{2/} | S\$ million |
| 1 | Cross-jurisdictional activity | Cross-jurisdictional claims | 262,781 |
| 2 | | Cross-jurisdictional liabilities | 210,651 |
| 3 | Size | Total exposures as defined for use in the Basel III | 504.055 |
| 4 | | leverage ratio ^{1/} | 584,955 |
| 4 5 | Interconnectedness | Intra-financial system assets | 108,969 |
| | Interconnectedness | Intra-financial system liabilities | 36,089 |
| 6 7 | | Securities outstanding Assets under custody | <u>99,493</u> 150,734 |
| 8 | | Payments activity | 5,923,379 |
| 0 9 | Substitutability / financial | Underwritten transactions in debt and equity markets | 5,923,379 7,288 |
| 9 10 | institution infrastructure | | |
| 10 | | Trading Volume - Fixed income securities | 109,793 |

- Equities and other securities 12 Notional amount of OTC derivatives 1,052,076 13 Complexity Level 3 assets 4,583 14 Trading and available-for-sale securities 30,267

^{1/} Total exposures differ from the total exposures disclosed under Leverage Ratio as the computation as required by the Basel Committee for the purposes of the G-SIB assessment disclosures excludes regulatory adjustments

^{2/} The scope of consolidation has been extended to include insurance subsidiaries for Total exposures; Intra-financial system assets; Intrafinancial system liabilities; Securities outstanding; Notional amount of OTC derivatives; and Level 3 assets indicators since 2021

11

173,063

5.2 Geographical Distribution of Credit Exposures Used in the Countercyclical Capital Buffer

The following table provides an overview of the Group's geographical distribution of private sector credit exposures for the calculation of countercyclical buffer.

The geographical distribution is based on the country where the physical collateral resides in, residence of the guarantor, or in the absence of such mitigant, the country of obligor (i.e. the country where the majority of the obligor's operating assets is situated) in accordance with MAS Notice 637 requirements.

| | | 31-Dec-22 | | |
|----------------|------------------------|-----------------|---------------------------|------------------------|
| | (a) | (b) | (c) | (d) |
| | Country-Specific | RWA for private | Bank-specific | Countercyclical buffer |
| | countercyclical buffer | sector credit | countercyclical buffer | amount |
| | requirement | exposures | requirement ^{1/} | |
| | (%) | (S\$ million) | (%) | (S\$ million) |
| Geographical | | | | |
| breakdown | | | | |
| United Kingdom | 1.00% | 10,894 | | |
| Sweden | 1.00% | 3 | | |
| Hong Kong | 1.00% | 19,163 | | |
| Luxembourg | 0.50% | 28 | | |
| All Others | | 150,463 | | |
| Total | | 180,551 | 0.2% | 386 |

| | | 30-Jun-22 | | |
|--------------|------------------------|-----------------|---------------------------|------------------------|
| | (a) | (b) | (c) | (d) |
| | Country-Specific | RWA for private | Bank-specific | Countercyclical buffer |
| | countercyclical buffer | sector credit | countercyclical buffer | amount |
| | requirement | exposures | requirement ^{1/} | |
| | (%) | (S\$ million) | (%) | (S\$ million) |
| Geographical | | | | |
| breakdown | | | | |
| Hong Kong | 1.00% | 20,249 | | |
| Luxembourg | 0.50% | 31 | | |
| All Others | | 157,381 | | |
| Total | | 177,661 | 0.1% | 264 |

^{1/} The Bank-Specific countercyclical buffer is the additional capital which needs to be maintained above the Regulatory minimum and Capital Conservation buffer requirement

6. COMPOSITION OF CAPITAL

6.1 Reconciliation of Regulatory Capital

The reporting position of the table in this section is as at 31 December 2022.

| | Balance sheet as per published financial statements | Under regulatory scope of consolidation | Cross Reference to Section 6.2 |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------|--------------------------------------|
| EQUITY | Statements | L | |
| Share capital | 18,048 | 18,048 | A |
| Other equity instruments | 1,696 | 1,696 | В |
| Reserves: | | | |
| Capital reserves | 792 | | |
| Fair value reserves | (1,006) | | |
| Revenue reserves | 33,557 | | |
| Total reserves | 33,343 | 26 422 | C1 |
| of which: Retained earnings | | 26,423 | C1 C2 |
| of which: Accumulated other comprehensive income and other disclosed reserves | | (387) | - |
| of which: Unrealised fair value gains/losses on financial liabilities and derivative liabilities arising from changes in own credit risk | | 21 | C3 |
| Non-controlling interests | 1,581 | | |
| of which: Minority interest that meets criteria for inclusion in CET1 Capital | 1,501 | 218 | D1 |
| of which: Minority interest that meets criteria for inclusion in AT1 Capital | | 34 | D2 |
| of which: Minority interest that meets criteria for inclusion in Tier 2 Capital | | 20 | D3 |
| Valuation adjustment | | 21 | E |
| Total equity | 54,668 | | |
| LIABILITIES | | | |
| Deposits of non-bank customers | 350,081 | | |
| Deposits and balances of banks | 10,046 | | |
| Due to associates | 236 | | |
| Trading portfolio liabilities | 212 | | |
| Derivative payables | 16,048 | | |
| Other liabilities | 8,525 | | |
| Current tax payables | 995 | | |
| Deferred tax liabilities | 2,261 | | |
| of which: Associated with intangible assets | | 17 | F |
| Debt issued | 21,938 | 2 705 | 6 |
| of which: Tier 2 capital instruments | 04.046 | 2,705 | G |
| Life insurance fund liabilities Total liabilities | 94,946 | | |
| Total equity and liabilities | 505,288 559,956 | | |
| ASSETS | 559,950 | | |
| Cash and placements with central banks | 34,966 | 1 | |
| Singapore government treasury bills and securities | 17,096 | | |
| Other government treasury bills and securities | 22,271 | | |
| Placements with and loans to banks | 30,244 | | |
| Loans to customers | 291,467 | | |
| of which: Eligible provision for inclusion in Tier 2 Capital subject to cap in respect of | | 1,304 | Н |
| exposures under SA and IRBA | | | |
| Debt and equity securities | 28,010 | | |
| of which: Investments in unconsolidated major stake financial institutions | | 339 | I1 |
| of which: Investments in unconsolidated non major stake financial institutions | | 1,279 | I2 |
| of which: PE/VC investments held beyond the relevant holding periods set out in MAS | | 0 | I3 |
| Notice 630 | | | - |
| Investments in insurance subsidiaries | | 1,953 | J |
| Derivative and forward securities: Unconsolidated non major stake financial institutions | | (7) | К |
| Assets held for sale | 1 | (/) | r. |
| Derivative receivables | 15,605 | | |
| Other assets | 6,635 | | |
| Deferred tax assets | 437 | | |
| of which: Deferred tax assets before netting | | 497 | L |
| Associates | 6,340 | 137 | |
| of which: Investments in unconsolidated major stake financial institutions | 0,5 10 | 6,176 | М |
| Property, plant and equipment | 3,483 | | |
| Investment property | 763 | | |
| Goodwill and intangible assets | 4,643 | | |
| of which: Goodwill | | 3,980 | N1 |
| of which: Intangible assets | | 121 | N2 |
| Life insurance fund investment securities and other assets | 97,995 | | |
| Total assets | 559,956 | | |



6.2 Regulatory Capital Position

The reporting position of the tables in this section is as at 31 December 2022.

| | | Amount | Cross Reference to Section 6.1 |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------|
| | Common Equity Tier 1 capital: instruments and reserves | | - |
| 1 | Paid-up ordinary shares and share premium (if applicable) | 18,048 | A |
| 2 | Retained earnings | 26,423 | C1 |
| 3 | Accumulated other comprehensive income and other disclosed reserves | (387) | C2 |
| <u> </u> | Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock | - | 62 |
| | companies) | | |
| 5 | Minority interest that meets criteria for inclusion | 218 | D1 |
| 6 | Common Equity Tier 1 capital before regulatory adjustments | 44,302 | 01 |
| <u> </u> | Common Equity Tier 1 capital: regulatory adjustments | | |
| 7 | Valuation adjustment pursuant to Part VIII of MAS Notice 637 | 21 | E |
| 8 | Goodwill, net of associated deferred tax liability | 3,980 | N1 |
| 9 | Intangible assets, net of associated deferred tax liability | 103 | N2 - F |
| 10 | Deferred tax assets that rely on future profitability | 497 | L |
| 11 | Cash flow hedge reserve | - | E |
| 12 | Shortfall of TEP relative to EL under IRBA | - | |
| 13 | Increase in equity capital resulting from securitisation transactions | - | |
| 14 | Unrealised fair value gains/losses on financial liabilities and derivative liabilities arising from | 21 | C3 |
| 17 | changes in own credit risk | 21 | 65 |
| 15 | Defined benefit pension fund assets, net of associated deferred tax liability | - | |
| 16 | Investments in own shares | - | |
| 17 | Reciprocal cross-holdings in ordinary shares of financial institutions | | |
| 17 | Investments in ordinary shares of unconsolidated financial institutions in which the Reporting | - | |
| 10 | | - | |
| 10 | Bank does not hold a major stake | 4 500 | (74 . 7 . 14) |
| 19 | Investments in ordinary shares of unconsolidated financial institutions in which the Reporting | 4,500 | (I1 + J + M) - |
| | Bank holds a major stake (including insurance subsidiaries) (amount above 10% threshold) | | 3,9681 |
| 20 | Mortgage servicing rights (amount above 10% threshold) | | |
| 21 | Deferred tax assets arising from temporary differences (amount above 10% threshold, net of | | |
| | associated deferred tax liability) | | |
| 22 | Amount exceeding the 15% threshold | - | |
| 23 | of which: investments in ordinary shares of unconsolidated financial institutions in which the | - | |
| | Reporting Bank holds a major stake (including insurance subsidiaries) | | |
| 24 | of which: mortgage servicing rights | | |
| 25 | of which: deferred tax assets arising from temporary differences | | |
| 26 | National specific regulatory adjustments | 0 | |
| 26A | PE/VC investments held beyond the relevant holding periods set out in MAS Notice 630 | 0 | I3 |
| 26B | Capital deficits in subsidiaries and associates that are regulated financial institutions | - | |
| 26C | Any other items which the Authority may specify | - | |
| 27 | Regulatory adjustments applied in calculation of CET1 Capital due to insufficient AT1 Capital to | - | |
| | satisfy required deductions | | |
| 28 | Total regulatory adjustments to CET1 Capital | 9,123 | |
| 29 | Common Equity Tier 1 capital (CET1) | 35,179 | |
| | Additional Tier 1 capital: instruments | | |
| 30 | AT1 capital instruments and share premium (if applicable) | 1,696 | В |
| 31 | of which: classified as equity under the Accounting Standards | 1,696 | |
| | of which: classified as liabilities under the Accounting Standards | - | |
| 52 | Transitional: Ineligible capital instruments (pursuant to paragraphs 6.5.3 and 6.5.4) | - | |
| | ITANSILIONAL: INENGIDIE CADILALINSTRUMENTS (DUISUANT LO DALAGIADOS 0.2.2 AND 0.2.4) | - | |
| 33 | | | D2 |
| 33 34 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion | 34 | D2 |
| 33 34 35 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out | 34 | D2 |
| 33 34 35 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments | | D2 |
| 33 34 35 36 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments | 34 | D2 |
| 33 34 35 36 37 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments | 34 - 1,730 - | D2 |
| 33 34 35 36 37 38 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions | 34 | D2 |
| 33 34 35 36 37 38 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the | 34 - 1,730 - | D2 |
| 33 34 35 36 37 38 39 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake | 34 - 1,730 - - - | D2 |
| 33 34 35 36 37 38 39 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake Investments in AT1 capital instruments of unconsolidated financial institutions in which the | 34 - 1,730 - | D2 |
| 33 34 35 36 37 38 39 40 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) | 34 - 1,730 - - - - | D2 |
| 33 34 35 36 37 38 39 40 41 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) National specific regulatory adjustments which the Authority may specify | 34 - 1,730 - - - | D2 |
| 33 34 35 36 37 38 39 40 41 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) National specific regulatory adjustments which the Authority may specify Regulatory adjustments applied in calculation of AT1 Capital due to insufficient Tier 2 Capital to | 34 - 1,730 - - - - | D2 |
| 33 34 35 36 37 38 39 40 41 42 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank holds a major stake Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) National specific regulatory adjustments which the Authority may specify Regulatory adjustments applied in calculation of AT1 Capital due to insufficient Tier 2 Capital to satisfy required deductions | 34 - 1,730 - - - - - - - | D2 |
| 32 33 34 35 36 37 38 39 40 41 42 41 42 43 44 | AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion of which: instruments issued by subsidiaries subject to phase out Additional Tier 1 capital before regulatory adjustments Additional Tier 1 capital: regulatory adjustments Investments in own AT1 capital instruments Reciprocal cross-holdings in AT1 capital instruments of financial institutions Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) National specific regulatory adjustments which the Authority may specify Regulatory adjustments applied in calculation of AT1 Capital due to insufficient Tier 2 Capital to | 34 - 1,730 - - - - | D2 |



6.2 Regulatory Capital Position (continued)

| | | Amount | Cross Reference to Section 6.1 |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------|
| | Tier 2 capital: instruments and provisions | | |
| 46 | Tier 2 capital instruments and share premium (if applicable) | 2,705 | G |
| 47 | Transitional: Ineligible capital instruments (pursuant to paragraphs 6.5.3 and 6.5.4) | - | |
| 48 | Tier 2 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion | 20 | D3 |
| 49 | of which: instruments issued by subsidiaries subject to phase out | - | |
| 50 | Provisions | 1,304 | Н |
| 51 | Tier 2 capital before regulatory adjustments | 4,028 | |
| | Tier 2 capital: regulatory adjustments | | |
| 52 | Investments in own Tier 2 instruments | - | |
| 53 | Reciprocal cross-holdings in Tier 2 capital instruments of financial institutions | - | |
| 54 | Investments in Tier 2 capital instruments and other TLAC liabilities of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake | - | |
| 54a | Investments in other TLAC liabilities of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake: amount previously designated for the 5% threshold but that no longer meets the conditions | - | |
| 55 | Investments in Tier 2 capital instruments and other TLAC liabilities of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) | - | |
| 56 | National specific regulatory adjustments which the Authority may specify | - | |
| 57 | Total regulatory adjustments to Tier 2 capital | - | |
| 58 | Tier 2 capital (T2) | 4,028 | |
| 59 | Total capital (TC = T1 + T2) | 40,937 | |
| 60 | Floor-adjusted total risk weighted assets | 231,648 | |
| | | | |
| | Capital ratios (as a percentage of floor-adjusted risk weighted assets) | | |
| 61 | Common Equity Tier 1 CAR | 15.2% | |
| 62 | Tier 1 CAR | 15.9% | |
| 63 | Total CAR | 17.7% | |
| 64 | Bank-specific buffer requirement | 9.2% | |
| 65 | of which: capital conservation buffer requirement | 2.5% | |
| 66 | of which: bank specific countercyclical buffer requirement | 0.2% | |
| 67 | of which: G-SIB and/or D-SIB buffer requirement (if applicable) | - | |
| 68 | Common Equity Tier 1 available after meeting the Reporting Bank's minimum capital requirements | 7.7% | |
| | National minima | | |
| 69 | Minimum CET1 CAR | 6.5% | |
| 70 | Minimum Tier 1 CAR | 8.0% | |
| 71 | Minimum Total CAR | 10.0% | |
| | Amounts below the thresholds for deduction (before risk weighting) | | |
| 72 | Investments in ordinary shares, AT1 capital and Tier 2 capital and other TLAC liabilities of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake | 1,271 | I2 + K |
| 73 | Investments in ordinary shares of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) | 3,968 | Refer to note ¹ |
| 74 | Mortgage servicing rights (net of associated deferred tax liability) | | |
| 75 | Deferred tax assets arising from temporary differences (net of associated deferred tax liability) | | |
| | Applicable caps on the inclusion of provisions in Tier 2 | | |
| 76 | Provisions eligible for inclusion in Tier 2 in respect of exposures subject to standardised approach (prior to application of cap) | 494 | |
| 77 | Cap on inclusion of provisions in Tier 2 under standardised approach | 436 | |
| 78 | Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) | 2,049 | |
| 79 | Cap for inclusion of provisions in Tier 2 under internal ratings-based approach | 868 | |

^{1/} The investments in the ordinary shares of unconsolidated major stake companies that are financial institutions which are within the prescribed threshold amount in accordance with MAS Notice 637 paragraph 6.1.3 (p)(iii)

6.3 Main Features of Capital Instruments

The following disclosures are made pursuant to the requirements of MAS Notice 637 Annex 11D. They are not a summary of the terms, do not purport to be complete, and should be read in conjunction with, and are qualified in their entirety by, the relevant Terms and Conditions available on the Bank's Investor Relations website (<u>http://www.ocbc.com/group/investors/Cap and Reg Disclosures.html</u>). The reporting position of all tables in this section is as at 31 December 2022.

| | | OCBC Ordinary Shares | OCBC 4.00% Non-cumulative Non-convertible |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | Perpetual Capital Securities |
| 1. | Issuer | Oversea-Chinese Banking Corporation Limited | Oversea-Chinese Banking Corporation Limited |
| 2. | Unique identifier (ISIN) | SG1S04926220 | SGXF81199428 |
| 3. | Governing law(s) of instrument | Singapore | Singapore |
| 4. | Regulatory treatment Transitional Basel III rules | Common Equity Tier 1 | Additional Tier 1 |
| - . 5. | Post-transitional Basel III rules | Common Equity Tier 1 | Additional Tier 1 |
| 6. | Eligible at Solo / Group / Solo and Group | Solo and Group | Solo and Group |
| 7. | Instrument type | Ordinary shares | Perpetual Capital Securities |
| 7. 8. | Amount recognised in regulatory capital | S\$18,048 million | S\$998 million |
| 9. | Par value of instrument | NA | S\$350 million |
| | Accounting classification | Shareholders' equity | Shareholders' equity |
| | Original date of issuance | NA | 24 Aug 2018 |
| | Perpetual or dated | Perpetual | Perpetual |
| | | | • |
| 13. | Original maturity date | No maturity | No maturity |
| 14. | Issuer call subject to prior supervisory approval | No | Yes |
| 15. | Optional call date, contingent call dates and redemption amount | NA | On the First Reset Date of 24 Aug 2023 and each Distribution Payment Date thereafter (at par) |
| | | | Tax call (at par) |
| | | | Regulatory call (at par) |
| 16. | Subsequent call dates, if applicable | NA | Optional call dates - any Distribution Payment Date after the First Reset Date |
| 17 | Coupons / dividends | NA | Fixed to fixed |
| 17. | | | |
| 18. | Coupon rate and any related index | NA | 4.00% p.a. up to (but excluding) 24 Aug 2023; if not redeemed, the distribution rate will be reset on the First Reset Date and every 5 years thereafter to a fixed rate equal to the then prevailing 5- year SGD SOR plus 1.811% p.a. |
| 19. | Existence of a dividend stopper | NA | Yes |
| 20. | Fully discretionary, partially discretionary or mandatory | NA | Fully discretionary |
| 21. | Existence of step up or other incentive to redeem | NA | No |
| 22. | Noncumulative or cumulative | NA | Noncumulative |
| 23. | Convertible or non-convertible | NA | Nonconvertible |
| 24. | If convertible, conversion trigger(s) | NA | NA |
| 25. | If convertible, fully or partially | NA | NA |
| 26. | If convertible, conversion rate | NA | NA |
| 27. | If convertible, mandatory or optional conversion | NA | NA |
| | | | |
| 28. | If convertible, specify instrument type convertible into | NA | NA |
| 29. | If convertible, specify issuer of instrument it converts into | NA | NA |
| 30. | Write-down feature | No | Yes |
| 31. | If write-down, write-down trigger(s) | NA | The earlier of: i) the MAS notifying the Issuer in writing that it is of the opinion that a Write-off is necessary, without which the Issuer would become non-viable; and ii) a decision by the MAS to make a public sector injection of capital, or equivalent support, without which the Issuer would have become non-viable, as determined by the MAS. |
| 32. | If write-down, full or partial | NA | Fully or partially |
| 33. | If write-down, permanent or temporary | NA | Permanent |
| 34. | If temporary write-down, description of write-up mechanism | NA | NA |
| 35. | Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument in the insolvency creditor hierarchy of the legal entity concerned) | Additional Tier 1 capital instruments of OCBC Bank | Upon the occurrence of any winding-up proceeding (other than pursuant to a Permitted Reorgnisation), Capital Securities are expressly subordinated and subject in right of payment to the prior payment in full of all claims of (i) Senior Creditors which includes holders of Tier 2 Capital Securities, and will rank senior to all Junior Obligations. |
| 36 | Non-compliant transitioned features | Νο | No |
| 50. | If yes, specify non-compliant features | NA | NA |



6.3 Main Features of Capital Instruments (continued)

| | | OCBC 3.00% Non-cumulative Non-convertible Perpetual Capital Securities | OCBC 3.90% Non-cumulative Non-convertible Perpetual Capital Securities |
|----------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Issuer | Oversea-Chinese Banking Corporation Limited | Oversea-Chinese Banking Corporation Limited |
| 2. | Unique identifier (ISIN) | SGXF54217405 | SGXF11790429 |
| 3. | Governing law(s) of instrument | Singapore | Singapore |
| , | Regulatory treatment | Additional Time 4 | |
| 4. 5. | Transitional Basel III rules Post-transitional Basel III rules | Additional Tier 1 Additional Tier 1 | Additional Tier 1 Additional Tier 1 |
| 5. 5. | Eligible at Solo / Group / Solo and Group | Solo and Group | Solo and Group |
| 7. | Instrument type | Perpetual Capital Securities | Perpetual Capital Securities |
| 3. | Amount recognised in regulatory capital | S\$200 million | S\$499 million |
|).). | Par value of instrument | S\$200 million | S\$500 million |
| | Accounting classification | Shareholders' equity | Shareholders' equity |
| | | | |
| | Original date of issuance Perpetual or dated | 30 Sep 2020 Perpetual | 08 Jun 2022 Perpetual |
| 2. 3. | | No maturity | No maturity |
| | o , | Yes | Yes |
| 5. | | On the First Reset Date of 30 Sep 2030 and each Distribution | On the First Reset Date of 8 Jun 2027 and each Distribution |
| J. | redemption amount | Payment Date thereafter (at par) | Payment Date thereafter (at par) |
| | | Tax call (at par) | Tax call (at par) |
| | | Regulatory call (at par) | Regulatory call (at par) |
| 6. | Subsequent call dates, if applicable | Optional call dates - any Distribution Payment Date after the First Reset Date | Optional call dates - any Distribution Payment Date after the First Reset Date |
| | Coupons / dividends | | |
| 7. | | Fixed to fixed | Fixed to fixed |
| 8. | | 3.00% p.a. up to (but excluding) 30 September 2030; if not redeemed, the distribution rate will be reset on the First Reset Date and every 10 years thereafter to a fixed rate equal to the then prevailing 10-year SGD SOR plus 2.19% p.a. | 3.90% p.a. up to (but excluding) 8 Jun 2027; if not redeemed, the distribution rate will be reset on the First Reset Date and every 5 years thereafter to a fixed rate equal to the then prevailing 5-year SORA-OIS plus 1.416% p.a. |
| 9. | Existence of a dividend stopper | Yes | Yes |
| 0. | Fully discretionary, partially discretionary or mandatory | Fully discretionary | Fully discretionary |
| 1. | Existence of step up or other incentive to redeem | No | No |
| 22. | Noncumulative or cumulative | Noncumulative | Noncumulative |
| 23. | Convertible or non-convertible | Nonconvertible | Nonconvertible |
| 4. | If convertible, conversion trigger(s) | NA | NA |
| 5. | If convertible, fully or partially | NA | NA |
| 6. | If convertible, conversion rate | NA | NA |
| 7. | If convertible, mandatory or optional conversion | NA | NA |
| 8. | If convertible, specify instrument type convertible into | NA | NA |
| 29. | If convertible, specify issuer of instrument it converts into | NA | NA |
| 0. | Write-down feature | Yes | Yes |
| 1. | If write-down, write-down trigger(s) | | |
| | | The earlier of: i) the MAS notifying the Issuer in writing that it is of the opinion that a Write-off is necessary, without which the Issuer would become non-viable; and ii) a decision by the MAS to make a public sector injection of capital, or equivalent support, without which the Issuer would have become non-viable, as determined by the MAS. | The earlier of: i) the MAS notifying the Issuer in writing that it is of the opinio that a Write-off is necessary, without which the Issuer would become nor-viable; and ii) a decision by the MAS to make a public sector injection of capital, or equivalent support, without which the Issuer would have become non-viable, as determined by the MAS. |
| 32. | If write-down, full or partial | Fully or partially | Fully or partially |
| 3. | If write-down, permanent or temporary | Permanent | Permanent |
| 34. | If temporary write-down, description of write-up mechanism | NA | NA |
| 35. | concerned) | Upon the occurrence of any winding-up proceeding (other than pursuant to a Permitted Reorgnisation), Capital Securities are expressly subordinated and subject in right of payment to the prior payment in full of all claims of (i) Senior Creditors and (ii) holders of Tier 2 Capital Securities, and will rank senior to all Junior Obligations. | Upon the occurrence of any winding-up proceeding (other that pursuant to a Permitted Reorgnisation), Capital Securities are expressly subordinated and subject in right of payment to the prior payment in full of all claims of (i) Senior Creditors and (ii holders of Tier 2 Capital Securities, and will rank senior to all Junior Obligations. |
| 86. | Non-compliant transitioned features | No | No |
| | If yes, specify non-compliant features | NA | NA |



6.3 Main Features of Capital Instruments (continued)

| | | OCBC 4.25% Subordinated Notes due 2024 | OCBC 1.832% Subordinated Notes due 2030 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Issuer | Oversea-Chinese Banking Corporation Limited | Oversea-Chinese Banking Corporation Limited |
| 2. | Unique identifier (ISIN) | US69033DAC11 (Reg S) | US69033DAD93 (Reg S) |
| | | US69033CAC38 (144A) | US69033CAD11 (144A) |
| 3. | Governing law(s) of instrument | English (Save for the subordination provisions) Singapore | English (Save for the subordination provisions) Singapore |
| | | (In respect of the subordination provisions) | (In respect of the subordination provisions) |
| 4. | Regulatory treatment Transitional Basel III rules | Tier 2 | Tier 2 |
| 5. | Post-transitional Basel III rules | Tier 2 | Tier 2 |
| 6. | Eligible at Solo / Group / Solo and Group | Solo and Group | Solo and Group |
| 7. | Instrument type | Subordinated debt | Subordinated debt |
| 3. | Amount recognised in regulatory capital | S\$519 million | \$\$1,220 million |
| 9. | Par value of instrument | US\$1,000 million | US\$1,000 million |
| | Accounting classification | Liabilities - amortised cost | Liabilities - amortised cost |
| | Original date of issuance | 19 Jun 2014 | 10 Sep 2020 |
| | - | Dated | Dated |
| 12. 13. | Perpetual or dated Original maturity date | 19 Jun 2024 | 10 Sep 2030 |
| | Issuer call subject to prior supervisory approval | Yes | Yes |
| 15. | Optional call date, contingent call dates and redemption amount | Tax call (at par) | Tax call (at par) |
| | | Regulatory call (at par) | Regulatory call (at par) |
| 16. | Subsequent call dates, if applicable | NA | NA |
| | Coupons / dividends | | |
| 17. | č | Fixed | Fixed |
| 18. | Coupon rate and any related index | 4.25% p.a. | 1.832% p.a. up to (but excluding) 10 September 2025; if not redeemed, the interest rate will be reset to a fixed p.a. equal to the then-prevailing 5-year U.S. Treasury Rate plus 1.58% p.a. |
| 19. | Existence of a dividend stopper | NA | NA |
| 20. | Fully discretionary, partially discretionary or mandatory | Mandatory | Mandatory |
| 21. | Existence of step up or other incentive to redeem | No | No |
| 22. | Noncumulative or cumulative | NA | NA |
| 23. | Convertible or non-convertible | Nonconvertible | Nonconvertible |
| 24. | If convertible, conversion trigger(s) | NA | NA |
| 25. | If convertible, fully or partially | NA | NA |
| 26. | If convertible, conversion rate | NA | NA |
| 27. | If convertible, mandatory or optional conversion | NA | NA |
| 28. | If convertible, specify instrument type convertible into | NA | NA |
| 29. | If convertible, specify issuer of instrument it converts into | NA | NA |
| 30. | Write-down feature | Yes | Yes |
| 31. | If write-down, write-down trigger(s) | Contractual approach | Contractual approach |
| | | The earlier of (i) MAS determining that a write-down is necessary; and (ii) a decision by MAS to make a public sector injection of capital, or equivalent support, without which the issuer would become non-viable in both (i) and (ii) | The earlier of (i) MAS determining that a write-down is necessary; and (ii) a decision by MAS to make a public sector injection of capital, or equivalent support, without which the issuer would becom non-viable in both (i) and (ii) |
| 32. | If write-down, full or partial | May be written down fully or partially | May be written down fully or partially |
| 33. | If write-down, permanent or temporary | Permanent | Permanent |
| 34. | If temporary write-down, description of write-up mechanism | NA | NA |
| 35. | Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument in the insolvency creditor hierarchy of the legal entity concerned) | Unsubordinated and unsecured obligations of OCBC Bank | Unsubordinated and unsecured obligations of OCBC Bank |
| 36. | Non-compliant transitioned features | No | No |
| 5. | · · · · · · · · · · · · · · · · · · · | NA | |



6.3 Main Features of Capital Instruments (continued)

| | | OCBC 4.602% Subordinated Notes due 2032 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Issuer | Oversea-Chinese Banking Corporation Limited |
| 2. | Unique identifier (ISIN) | XS2490811168 (Reg S) |
| 3. | Governing law(s) of instrument | English (Save for the subordination provisions) Singapore (In respect of the subordination provisions) |
| | Regulatory treatment | |
| | Transitional Basel III rules | Tier 2 |
| i. | Post-transitional Basel III rules | Tier 2 |
| ò. | Eligible at Solo / Group / Solo and Group | Solo and Group |
| ' . | Instrument type | Subordinated debt |
| 3. | Amount recognised in regulatory capital | S\$965 million |
|). | Par value of instrument | US\$750 million |
| 0. | Accounting classification | Liabilities - amortised cost |
| 1. | Original date of issuance | 15 Jun 2022 |
| 2. | Perpetual or dated | Dated |
| 3. | Original maturity date | 15 Jun 2032 |
| 4. | Issuer call subject to prior supervisory approval | Yes |
| 5. | Optional call date, contingent call dates and redemption amount | Tax call (at par) |
| | | Regulatory call (at par) |
| 6. | Subsequent call dates, if applicable | NA |
| 7. | Coupons / dividends Fixed or floating dividend / coupon | Fixed |
| 8. | Coupon rate and any related index | 4.602% p.a. up to (but excluding) 15 June 2027; if not redeemed, the interest rate will be reset to a fixed p.a. equal to the then-prevailing 5 year U.S. Treasury Rate plus 1.575% p.a. |
| 9. | Existence of a dividend stopper | NA |
| 0. | Fully discretionary, partially discretionary or mandatory | Mandatory |
| 1. | Existence of step up or other incentive to redeem | No |
| 22. | Noncumulative or cumulative | NA |
| 3. | Convertible or non-convertible | Nonconvertible |
| 4. | If convertible, conversion trigger(s) | NA |
| 5. | If convertible, fully or partially | NA |
| 6. | If convertible, conversion rate | NA |
| 7. | If convertible, mandatory or optional conversion | NA |
| 8. | If convertible, specify instrument type convertible into | NA |
| 9. | If convertible, specify issuer of instrument it converts into | NA |
| 80. | Write-down feature | Yes |
| 1. | If write-down, write-down trigger(s) | Contractual approach |
| | | The earlier of (i) MAS determining that a write-down is necessary; and (ii) a decision by MAS to make a public sector injection of capital, or equivalent support, without which the issuer would become non-viable in both (i) and (ii) |
| 32. | If write-down, full or partial | May be written down fully or partially |
| 3. | If write-down, permanent or temporary | Permanent |
| 4. | If temporary write-down, description of write-up mechanism | NA |
| 85. | Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument in the insolvency creditor hierarchy of the legal entity concerned) | Unsubordinated and unsecured obligations of OCBC Bank |
| 86. | Non-compliant transitioned features | No |
| | | |

7. LINKAGES BETWEEN FINANCIAL STATEMENTS AND REGULATORY EXPOSURES

7.1 Differences between Accounting and Regulatory Scopes of Consolidation

The purpose of this table is to identify the differences between the accounting and regulatory scopes of consolidation by the respective regulatory risk categories. The key reason for the differences between the accounting and regulatory scope of consolidation can be found in Section 3 of this document.

| | | 3 | 31 Dec 2022 | | | | |
|---------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| | Carrying amounts | | | Carrying amounts of items: | | | |
| S\$ million | as reported in balance sheet of published financial statements | Carrying amounts under regulatory scope of consolidation | Subject to credit risk requirements ^{1/} | Subject to CCR requirements | Subject to securitisation framework | Subject to market risk requirements | Not subject to capital requirements or subject to deduction from regulatory capital |
| Assets | | | | | | | |
| Cash and placements with central banks | 34,966 | 34,966 | 30,560 | 4,407 | - | 20,571 | - |
| Singapore government treasury bills and securities | 17,096 | 15,889 | 14,052 | - | - | 1,789 | - |
| Other government treasury bills and securities | 22,271 | 21,723 | 20,656 | - | - | 21,175 | - |
| Placements with and loans to banks | 30,244 | 27,747 | 25,760 | 1,137 | - | 26,895 | - |
| Loans to customers | 291,467 | 291,466 | 292,175 | 1,496 | - | 191,410 | - |
| Debt and equity securities | 28,010 | 24,380 | 19,437 | - | - | 23,499 | 180 |
| Assets held for sale | 1 | 1 | 1 | - | - | # | - |
| Derivative receivables | 15,605 | 15,576 | - | 14,879 | - | 14,488 | - |
| Other assets | 6,635 | 6,031 | 6,031 | - | - | 4,139 | - |
| Deferred tax assets | 437 | 394 | - | - | - | 389 | 497 |
| Associates | 6,340 | 6,340 | 3,058 | - | - | 2,302 | 3,282 |
| Subsidiaries | - | 1,953 | 915 | - | - | 8 | 1,038 |
| Property, plant and equipment | 3,483 | 2,801 | 2,801 | - | - | 814 | |
| Investment property | 763 | 763 | 763 | - | - | 78 | - |
| Goodwill and intangible assets | 4,643 | 4,101 | - | - | - | - | 4,101 |
| Life insurance fund investment securities and other assets | 97,995 | - | - | - | - | - | - |
| Total Assets | 559,956 | 454,131 | 416,209 | 21,919 | - | 307,557 | 9,098 |
| Liabilities | | | | | | | |
| Deposits of non-bank customers | 350,081 | 350,202 | - | 1,076 | - | 232,785 | 117,417 |
| Deposits and balances of banks | 10,046 | 10,046 | - | 2,063 | - | 9,149 | 897 |
| Due to associates | 236 | 235 | - | - | - | 37 | 198 |
| Trading portfolio liabilities | 212 | 212 | - | - | - | 212 | # |
| Derivative payables | 16,048 | 16,041 | - | 15,525 | - | 14,834 | 516 |
| Other liabilities | 8,525 | 7,683 | - | - | - | 3,736 | 3,947 |
| Current tax payables | 995 | 767 | - | - | - | 182 | 585 |
| Deferred tax liabilities | 2,261 | 240 | - | - | - | 84 | 156 |
| Debt issued | 21,938 | 21,952 | - | - | - | 21,929 | 23 |
| Life insurance fund liabilities | 94,946 | - | - | - | - | - | - |
| Total Liabilities | 505,288 | 407,378 | - | 18,664 | - | 282,948 | 123,739 |



7.1 Differences between Accounting and Regulatory Scopes of Consolidation (continued)

| | | | 31 Dec 2021 | | | | |
|---------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| | Carrying amounts | | | Carryir | ng amounts of it | ems: | |
| S\$ million | as reported in balance sheet of published financial statements | Carrying amounts under regulatory scope of consolidation | Subject to credit risk requirements ^{1/} | Subject to CCR requirements | Subject to securitisation framework | Subject to market risk requirements | Not subject to capita requirements or subject to deduction fror regulatory capita |
| Assets | | | | | | | |
| Cash and placements with central banks | 27,919 | 27,919 | 26,095 | 1,827 | - | 13,225 | - |
| Singapore government treasury bills and securities | 11,112 | 10,106 | 8,976 | - | - | 1,130 | - |
| Other government treasury bills and securities | 26,159 | 25,897 | 23,251 | - | - | 25,636 | - |
| Placements with and loans to banks | 25,462 | 22,710 | 21,758 | 201 | - | 22,298 | - |
| Loans to customers | 286,281 | 286,280 | 287,171 | 1,009 | - | 185,329 | - |
| Debt and equity securities | 34,015 | 29,686 | 23,113 | - | - | 28,804 | 194 |
| Assets held for sale | 11 | 11 | 11 | - | - | 2 | - |
| Derivative receivables | 9,267 | 9,257 | - | 8,315 | - | 8,528 | - |
| Other assets | 6,334 | 5,753 | 5,753 | - | - | 4,464 | - |
| Deferred tax assets | 280 | 274 | - | - | - | 272 | 396 |
| Associates | 6,170 | 6,170 | 2,998 | - | - | 2,354 | 3,172 |
| Subsidiaries | - | 1,953 | 921 | - | - | 11 | 1,032 |
| Property, plant and equipment | 3,506 | 2,796 | 2,796 | - | - | 768 | - |
| Investment property | 801 | 801 | 801 | - | - | 84 | - |
| Goodwill and intangible assets | 4,774 | 4,184 | - | - | - | - | 4,184 |
| Life insurance fund investment securities and other assets | 100,096 | - | - | - | - | - | - |
| Total Assets | 542,187 | 433,797 | 403,644 | 11,352 | - | 292,905 | 8,978 |
| Liabilities | | | | | | | |
| Deposits of non-bank customers | 342,395 | 342,513 | - | 668 | - | 216,053 | 126,460 |
| Deposits and balances of banks | 8,239 | 8,239 | - | 1,387 | - | 7,505 | 734 |
| Due to associates | 431 | 431 | - | - | - | 199 | 232 |
| Trading portfolio liabilities | 393 | 393 | - | - | - | 393 | # |
| Derivative payables | 9,070 | 9,071 | - | 8,648 | - | 8,624 | 423 |
| Other liabilities | 7,163 | 6,405 | - | - | - | 3,366 | 3,039 |
| Current tax payables | 905 | 588 | - | - | - | 130 | 458 |
| Deferred tax liabilities | 2,832 | 246 | - | - | - | 75 | 171 |
| Debt issued | 20,115 | 20,122 | - | - | - | 20,106 | 16 |
| Life insurance fund liabilities | 96,306 | - | - | - | - | - | - |
| Total Liabilities | 487,849 | 388,008 | - | 10,703 | - | 256,451 | 131,533 |

^{1/} Refers to non CCR exposures and exclude trading book assets such as bonds and equities

Represents amounts of less than \$0.5 million

7.2 Main Sources of Differences between Financial Statements and Regulatory Exposures

This table provides information on the main sources of differences, other than due to the difference in scope of consolidation, between regulatory exposure amounts and carrying amounts under regulatory scope of consolidation. These differences are mainly due to off-balance sheet amounts, repos, derivatives, provisions. Amounts subject to Market Risk Requirements are omitted from this table since they are not meaningful for this disclosure.

| | 31 Dec 2022 | | | | |
|----|------------------------------------------------------------------------------------------------------|-----------------------------|---------------------|-----------------------------|---------|
| | | (a) | (b) | (c) | (d) |
| | | lt | ems subject to: | | |
| | S\$ million | Credit risk requirements | CCR requirements | Securitisation framework | Total |
| | | | | | |
| 1 | Assets carrying amount under regulatory scope of consolidation ^{1/} | 416,209 | 21,919 | - | 445,033 |
| 2 | Liabilities carrying amount under regulatory scope of consolidation ^{1/} | - | 18,664 | - | 283,639 |
| 3 | Total net amount under regulatory scope of consolidation | 416,209 | 3,255 | - | 161,394 |
| 4 | Differences due to off-balance sheet amounts | 54,009 | - | - | |
| 5 | Differences due to valuations | - | - | - | |
| 6 | Differences due to repos | - | 6,845 | - | |
| 7 | Differences due to netting rules and potential future exposures for derivatives $^{\mbox{\tiny 2/}}$ | - | 30,185 | - | |
| 8 | Differences due to consideration of provisions | 3,324 | - | - | |
| 9 | Differences due to prudential filters | - | - | - | |
| 10 | Others ^{3/} | (431) | - | - | |
| 11 | Exposure amounts considered for regulatory purposes 4/ | 473,111 | 40,285 | - | 513,396 |

| | 31 Dec 2021 | | | | |
|----|---------------------------------------------------------------------------------------------------------------------|--------------|-------------------|----------------|---------|
| | | (a) | (b) | (c) | (d) |
| | | | Items subject to: | | |
| | | Credit risk | CCR | Securitisation | |
| | S\$ million | requirements | requirements | framework | Total |
| 1 | Assets carrying amount under regulatory scope of consolidation ^{1/} | 403,644 | 11,352 | - | 424,819 |
| 2 | Liabilities carrying amount under regulatory scope of consolidation 1/ | - | 10,703 | - | 256,193 |
| 3 | Total net amount under regulatory scope of consolidation | 403,644 | 649 | - | 168,626 |
| 4 | Differences due to off-balance sheet amounts | 49,933 | - | - | |
| 5 | Differences due to valuations | - | - | - | |
| 6 | Differences due to repos | - | 4,457 | - | |
| 7 | Differences due to netting rules and potential future exposures for derivatives $^{\ensuremath{\text{2}}\xspace/2}$ | - | 12,620 | - | |
| 8 | Differences due to consideration of provisions | 3,662 | - | - | |
| 9 | Differences due to prudential filters | - | - | - | |
| 10 | Others ^{3/} | 14 | 7 | - | |
| 11 | Exposure amounts considered for regulatory purposes 4/ | 457,253 | 17,733 | - | 474,986 |

^{1/} Refers to assets and liabilities carrying amounts as per the table in section 7.1

^{2/} Refers to gross-up of the net exposure value as the derivatives netting in row 2 is broader than the netting considered for regulatory purpose and the application of the fixed beta factor of 1.4 used for computing regulatory EAD of derivatives under SA-CCR

^{3/} Includes amounts not reported in the other categories

^{4/} Refers to Regulatory Exposures at Default gross of impairment allowances before taking into account the effect of Credit Risk Mitigation



7.3 Prudent Valuation Adjustments

This table is to provide the breakdown of the constituent elements of the Group's prudent valuation adjustments. Valuation adjustments relating to Mid-market value, Closeout cost, Model risk and Unearned credit spreads, have been taken in financial reporting and not shown in this table.

| | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
|----|--------------------------------|--------|----------------|-----|--------|-------------|-------|----------------------------------|----------------------------------|
| | S\$ million | Equity | Interest rates | FX | Credit | Commodities | Total | of which: in the Trading book | of which: in the Banking book |
| 1 | Closeout uncertainty | - | - | - | 2 | - | 2 | 2 | - |
| 2 | of which: Mid-market value | - | - | - | - | - | - | - | - |
| 3 | of which: Closeout cost | - | - | - | - | - | - | - | - |
| 4 | of which: Concentration | - | - | - | 2 | - | 2 | 2 | - |
| 5 | Early termination 1/ | - | - | - | - | - | - | - | - |
| 6 | Model risk | - | - | - | - | - | - | - | - |
| 7 | Operational risk ^{2/} | - | - | - | - | - | - | - | - |
| 8 | Investing and funding costs | | | | | | 19 | 19 | # |
| 9 | Unearned credit spreads | | | | | | - | - | - |
| 10 | Future administrative costs 3/ | - | - | - | - | - | - | - | - |
| 11 | Other 4/ | - | - | - | - | - | - | - | - |
| 12 | Total adjustment | - | - | - | 2 | - | 21 | 21 | # |

| | | | | 31 Dec 2 | 021 | | | | |
|----|---------------------------------|--------|----------------|----------|--------|-------------|-------|----------------------------------|----------------------------------|
| | | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
| | S\$ million | Equity | Interest rates | FX | Credit | Commodities | Total | of which: in the Trading book | of which: in the Banking book |
| 1 | Closeout uncertainty | - | - | - | # | - | # | # | - |
| 2 | of which: Mid-market value | - | - | - | - | - | - | - | - |
| 3 | of which: Closeout cost | - | - | - | - | - | - | - | - |
| 4 | of which: Concentration | - | - | - | # | - | # | # | - |
| 5 | Early termination ^{1/} | - | - | - | - | - | - | - | - |
| 6 | Model risk | - | - | - | - | - | - | - | - |
| 7 | Operational risk 2/ | - | - | - | - | - | - | - | - |
| 8 | Investing and funding costs | - | 14 | 6 | - | - | 20 | 20 | # |
| 9 | Unearned credit spreads | - | - | - | - | - | - | - | - |
| 10 | Future administrative costs 3/ | - | - | - | - | - | - | - | - |
| 11 | Other 4/ | - | - | - | - | - | - | - | - |
| 12 | Total adjustment | - | 14 | 6 | # | - | 20 | 20 | # |

^{1/} Included in unwinding cost

 $^{\ensuremath{\text{2}}\xspace}$ Valuation processes are mostly automated with minimal manual intervention

^{3/} No significant change in future administrative costs is expected

4/ Not applicable

Represents amounts less than \$0.5 million

Pillar 3 Disclosures December 2022



8. LEVERAGE RATIO

8.1 Leverage Ratio Summary Comparison Table

| | Item | Amount ¹ (S\$'m) |
|---|------------------------------------------------------------------------------------|--------------------------------|
| | | 31 Dec 2022 |
| 1 | Total consolidated assets as per published financial statements | 559,956 |
| 2 | Adjustment for investments in entities that are consolidated for accounting | (105,825) |
| | purposes but are outside the regulatory scope of consolidation | |
| 3 | Adjustment for fiduciary assets recognised on the balance sheet in accordance with | 0 |
| | the Accounting Standards but excluded from the calculation of exposure measure | |
| 4 | Adjustment for derivative transactions | 19,172 |
| 5 | Adjustment for SFTs | 86 |
| 6 | Adjustment for off-balance sheet items | 47,832 |
| 7 | Other adjustments | (9,102) |
| 8 | Exposure measure | 512,119 |

8.2 Leverage Ratio Common Disclosure Table

| | Item | Amount | ¹ (S\$'m) |
|----|----------------------------------------------------------------------------------------|-------------|----------------------|
| | | 31 Dec 2022 | 30 Sep 2022 |
| | Exposure measures of on-balance sheet items | | |
| 1 | On-balance sheet items (excluding derivative transactions and SFTs, but including | 430,625 | 439,555 |
| | on-balance sheet collateral for derivative transactions or SFTs) | | |
| 2 | Asset amounts deducted in determining Tier 1 capital | (9,102) | (9,529) |
| 3 | Total exposures measures of on-balance sheet items | 421,523 | 430,026 |
| | (excluding derivative transactions and SFTs) | | |
| | Derivative exposure measures | | |
| 4 | Replacement cost associated with all derivative transactions (net of the eligible cash | 15,964 | 22,321 |
| | portion of variation margins) | | |
| 5 | Potential future exposure associated with all derivative transactions | 19,468 | 20,333 |
| 6 | Gross-up for derivative collaterals provided where deducted from the balance sheet | - | - |
| | assets in accordance with the Accounting Standards | | |
| 7 | Deductions of receivables for the cash portion of variation margins provided in | - | - |
| | derivative transactions | | |
| | CCP leg of trade exposures excluded | - | - |
| | Adjusted effective notional amount of written credit derivatives | 186 | 167 |
| 10 | Further adjustments in effective notional amounts and deductions from potential | - | - |
| | future exposures of written credit derivatives | | |
| 11 | Total derivative exposure measures | 35,618 | 42,821 |
| | SFT exposure measures | | |
| 12 | Gross SFT assets (with no recognition of accounting netting), after adjusting for | 7,060 | 5,029 |
| | sales accounting | | |
| | Eligible netting of cash payables and cash receivables | - | - |
| | SFT counterparty exposures | 86 | 307 |
| | SFT exposure measures where a Reporting Bank acts as an agent in the SFTs | - | - |
| 16 | Total SFT exposure measures | 7,146 | 5,336 |
| | Exposure measures of off-balance sheet items | | |
| | Off-balance sheet items at notional amount | 209,769 | 218,690 |
| | Adjustments for calculation of exposure measures of off-balance sheet items | (161,937) | (167,254) |
| 19 | Total exposure measures of off-balance sheet items | 47,832 | 51,436 |
| | Capital and Total exposures | | |
| | Tier 1 capital | 36,909 | 35,971 |
| 21 | Total exposures | 512,119 | 529,619 |
| | Leverage Ratio | | |
| 22 | Leverage ratio | 7.2% | 6.8% |

^{1/} Computed using quarter-end balances

SFT: Securities Financing Transactions CCP: Central Counterparty

9. CREDIT QUALITY

9.1 Overview of Credit Quality of Assets

The table below provides an overview of the credit quality of the on and off-balance sheet assets of the Group.

A borrower is recognised to be in default when the borrower is unlikely to repay in full its credit obligations to the Group, or the borrower is past due for more than 90 days on its credit obligations to the Group.

| 31 Dec 2022 | | | | | | | | |
|-------------|--------------------------------|---------------------|-----------------------------|----------------------------------------------------------------|-------------------------------------|------------------------------------|--------------------------------------------------|-----------------------------------------|
| | | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| | | Gross carry | ing amount of ^{1/} | of which: Allowances for Standardised Approach exposures | | | | |
| | S\$ million | Defaulted exposures | Non-defaulted exposures | Allowances and Impairments | of which: Specific Allowances | of which: General Allowances | of which: Allowances for IRBA exposures | Net Values ^{2/} (a + b + c) |
| 1 | Loans to customers | 3,383 | 291,597 | (2,951) | (360) | (291) | (2,300) | 292,029 |
| 2 | Debt securities | - | 22,973 | (17) | (2) | # | (15) | 22,956 |
| 3 | Off-balance sheet exposures | 103 | 16,646 | (562) | - | (54) | (508) | 16,187 |
| 4 | Total | 3,486 | 331,216 | (3,530) | (362) | (345) | (2,823) | 331,172 |

| 30 Jun 2022 | | | | | | | | |
|-------------|--------------------------------|---------------------|-----------------------------|-------------------------------|-------------------------------------|--------------------------------------|--------------------------------------------------|-----------------------------------------|
| | | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| | | Gross carry | ing amount of ^{1/} | | Standardise | lowances for ed Approach sures | | |
| | S\$ million | Defaulted exposures | Non-defaulted exposures | Allowances and Impairments | of which: Specific Allowances | of which: General Allowances | of which: Allowances for IRBA exposures | Net Values ^{2/} (a + b + c) |
| 1 | Loans to customers | 3,849 | 294,071 | (2,960) | (554) | (325) | (2,081) | 294,960 |
| 2 | Debt securities | 3 | 25,240 | (19) | (2) | (2) | (15) | 25,224 |
| 3 | Off-balance sheet exposures | 117 | 16,161 | (480) | - | (51) | (429) | 15,798 |
| 4 | Total | 3,969 | 335,472 | (3,459) | (556) | (378) | (2,525) | 335,982 |

^{1/} Refers to the accounting value of the assets before any impairment allowances but after write-offs

^{2/} Refers to total gross carrying amount less impairment allowances

Represents amounts of less than \$0.5 million



9.2 Changes in Stock of Defaulted Loans to Customers and Debt Securities

The table below identifies the changes in defaulted loans to customers and debt securities from the previous semi-annual reporting period, including the flows between non-defaulted and defaulted categories and reductions due to write-offs.

| | | (a) |
|---|-----------------------------------------------------------------------------------|--------------------|
| | S\$ million | Amount outstanding |
| 1 | Defaulted loans and debt securities as at 30 June 2022 (1 + 2 + 3 + 4 + 5) | 3,852 |
| 2 | Loans and debt securities that have defaulted in the second half of 2022 | 898 |
| 3 | Return to non-defaulted status | (615) |
| 4 | Amounts written-off | (281) |
| 5 | Other changes ^{1/} | (471) |
| 6 | Defaulted loans and debt securities as at 31 December 2022 (1 + 2 + 3 + 4 + 5) | 3,383 |

^{1/} Other changes comprise foreign exchange, increase in existing defaulted loans and recoveries

9.3 Additional Disclosures related to the Credit Quality of Assets

The following tables show the breakdown of credit risk exposures by geographic areas, industry and residual maturity. The reporting position of all tables in this section is as at 31 December 2022.

Gross Loans to Customers

Analysed by Geography

| S\$ million |
|-------------|
| 119,925 |
| 25,077 |
| 18,600 |
| 72,756 |
| 21,734 |
| 36,888 |
| 294,980 |
| |

Distribution by geography is determined based on where the credit risk resides.



9.3 Additional Disclosures related to the Credit Quality of Assets (continued)

Gross Loans to Customers (continued)

Analysed by Industry

| | S\$ million |
|----------------------------------------------------------|-------------|
| Agriculture, mining and quarrying | 8,193 |
| Manufacturing | 15,052 |
| Building and construction | 89,299 |
| Housing | 62,015 |
| General commerce | 29,209 |
| Transport, storage and communication | 13,017 |
| Financial institutions, investment and holding companies | 24,387 |
| Professionals and individuals | 34,752 |
| Others | 19,056 |
| Total | 294,980 |

Gross Placements with and Loans to Banks

Analysed by Geography

| | S\$ million |
|--------------------------------------|-------------|
| Singapore | 753 |
| Malaysia | 5,841 |
| Indonesia | 565 |
| Greater China | 12,867 |
| Other Asia Pacific | 3,114 |
| Rest of the World | 4,973 |
| Balances with banks | 28,113 |
| Bank balances of life insurance fund | 2,136 |
| Total | 30,249 |

Distribution by geography is determined based on where the credit risk resides.

Government Treasury Bills and Securities

Analysed by Geography

| | S\$ million |
|--------------------|-------------|
| Singapore | 17,096 |
| Malaysia | 4,550 |
| Indonesia | 3,994 |
| Greater China | 3,702 |
| Other Asia Pacific | 5,248 |
| Rest of the World | 4,777 |
| Total | 39,367 |

Distribution by geography is determined based on where the credit risk resides.



9.3 Additional Disclosures related to the Credit Quality of Assets (continued)

Gross Debt Securities

Analysed by Geography

| | S\$ million |
|--------------------|-------------|
| Singapore | 2,263 |
| Malaysia | 1,676 |
| Indonesia | 1,113 |
| Greater China | 8,982 |
| Other Asia Pacific | 5,892 |
| Rest of the World | 3,030 |
| Total | 22,956 |

Distribution by geography is determined based on where the credit risk resides.

Analysed by Industry

| | S\$ million |
|----------------------------------------------------------|-------------|
| Agriculture, mining and quarrying | 288 |
| Manufacturing | 1,204 |
| Building and construction | 1,947 |
| General commerce | 581 |
| Transport, storage and communication | 1,504 |
| Financial institutions, investment and holding companies | 14,768 |
| Others | 2,664 |
| Total | 22,956 |

Residual Contractual Maturity of On-Balance Sheet Assets

| | Within | 1 week to | 1 to 3 | 3 to 12 | 1 to 3 | Over | |
|------------------------------------------|--------|-----------|--------|---------|--------|---------|---------|
| S\$ million | 1 week | 1 month | months | months | years | 3 years | Total |
| Net loans to customers | 21,925 | 36,231 | 21,047 | 33,916 | 54,199 | 124,149 | 291,467 |
| Net placements with and loans to banks | 5,257 | 3,959 | 8,928 | 8,833 | 546 | 585 | 28,108 |
| Government treasury bills and securities | 435 | 3,913 | 6,174 | 9,896 | 11,204 | 7,745 | 39,367 |
| Debt securities | 70 | 622 | 1,103 | 5,454 | 9,527 | 6,180 | 22,956 |



9.3 Additional Disclosures related to the Credit Quality of Assets (continued)

Credit Commitments

Analysed by Geography

| | S\$ million |
|--------------------|-------------|
| Singapore | 138,861 |
| Malaysia | 9,190 |
| Indonesia | 6,103 |
| Greater China | 20,432 |
| Other Asia Pacific | 3,424 |
| Rest of the World | 5,694 |
| Total | 183,704 |

Distribution by geography is determined based on where the transactions are recorded.

Analysed by Industry

| | S\$ million |
|----------------------------------------------------------|-------------|
| Agriculture, mining and quarrying | 1,977 |
| Manufacturing | 11,297 |
| Building and construction | 26,766 |
| General commerce | 29,892 |
| Transport, storage and communication | 6,362 |
| Financial institutions, investment and holding companies | 41,278 |
| Professionals and individuals | 57,689 |
| Others | 8,443 |
| Total | 183,704 |

Analysed by Residual Maturity

| | S\$ million |
|----------------------------------------|-------------|
| Undrawn credit facilities: | |
| Term to maturity of one year or less | 150,236 |
| Term to maturity of more than one year | 33,468 |
| Total | 183,704 |

Contingent Liabilities

Analysed by Geography

| S\$ million |
|-------------|
| 10,905 |
| 1,226 |
| 1,094 |
| 2,683 |
| 339 |
| 502 |
| 16,749 |
| |

Distribution by geography is determined based on where the transactions are recorded.

- -

....



9.3 Additional Disclosures related to the Credit Quality of Assets (continued)

Contingent Liabilities (continued)

Analysed by Industry

| | S\$ million |
|----------------------------------------------------------|-------------|
| Agriculture, mining and quarrying | 153 |
| Manufacturing | 1,480 |
| Building and construction | 2,247 |
| General commerce | 9,238 |
| Transport, storage and communication | 561 |
| Financial institutions, investment and holding companies | 1,614 |
| Professionals and individuals | 158 |
| Others | 1,298 |
| Total | 16,749 |

Analysed by Residual Maturity

| | S\$ million |
|---------------------------------------------------------------------|-------------|
| Guarantees and standby letters of credit: | |
| Term to maturity of one year or less | 6,352 |
| Term to maturity of more than one year | 2,984 |
| | 9,336 |
| Acceptances and endorsements | 950 |
| Documentary credits and other short term trade-related transactions | 6,463 |
| Total | 16,749 |

9.4 Overview of Past Due Exposure and Impairment Allowances

The following tables provide breakdown of defaulted loans to customers (Non-performing Loans) by geography, credit grade under MAS Notice 612 and industry. In addition, loans to customers are categorised into "neither past due nor impaired", "past due but not impaired" and "impaired".

With effect from 1 January 2018, the Group recognises allowance for Expected Credit Losses (ECL) on credit impaired and non-credit impaired exposures in accordance to SFRS(I) 9 and MAS Notice 612 with a forward looking ECL model.

For credit impaired portfolio, specific allowance is assessed individually and measured based on lifetime ECL. The amount of specific allowance for an individual credit exposure is determined by ascertaining the net present value of future cash flows that is recoverable from the borrower.

For non-credit impaired portfolio, the portfolio allowance is assessed and measured based on 12-month ECL if the credit risk of a credit exposure has not increased significantly since initial recognition. However, where there is significant increase in credit risk, the loss allowance is based on lifetime ECL.

The reporting position of all tables in this section is as at 31 December 2022.



Total Loans to Customers – Credit Quality

| | S\$ million |
|-------------------------------|-------------|
| Neither past due nor impaired | 291,059 |
| Non-impaired | 1,527 |
| Impaired | 1,505 |
| Past due loans | 3,032 |
| Impaired but not past due | 889 |
| Gross loans | 294,980 |
| Allowances | |
| Impaired loans | (1,308) |
| Non-impaired loans | (2,205) |
| Net loans | 291,467 |

Non-performing Loans

Analysed by Geography

| S\$ million | Singapore | Malaysia | Indonesia | Greater China | Rest of the World | Total |
|-------------|-----------|----------|-----------|------------------|----------------------|-------|
| Substandard | 190 | 495 | 343 | 444 | 71 | 1,543 |
| Doubtful | 112 | 179 | 252 | 431 | 308 | 1,282 |
| Loss | 81 | 267 | 183 | 26 | 1 | 558 |
| Total | 383 | 941 | 778 | 901 | 380 | 3,383 |

Distribution by geography is determined based on where the credit risk resides.

Analysed by Industry

| | S\$ million |
|----------------------------------------------------------|-------------|
| Agriculture, mining and quarrying | 56 |
| Manufacturing | 614 |
| Building and construction | 592 |
| Housing | 579 |
| General commerce | 392 |
| Transport, storage and communication | 392 |
| Financial institutions, investment and holding companies | 131 |
| Professionals and individuals | 128 |
| Others | 499 |
| Total | 3,383 |



Non-performing Loans (continued)

Analysed by Period Overdue

| | S\$ million |
|--------------------------|-------------|
| Over 180 days | 915 |
| Over 90 days to 180 days | 395 |
| 30 days to 90 days | 296 |
| Less than 30 days | 383 |
| Past due | 1,989 |
| No overdue | 1,394 |
| Total | 3,383 |

Past Due Loans

Analysed by Industry

| | S\$ million |
|----------------------------------------------------------|-------------|
| Agriculture, mining and quarrying | 96 |
| Manufacturing | 548 |
| Building and construction | 391 |
| General commerce | 401 |
| Transport, storage and communication | 246 |
| Financial institutions, investment and holding companies | 136 |
| Professionals and individuals (include housing) | 1,094 |
| Others | 120 |
| Total | 3,032 |

Analysed by Geography

| | S\$ million |
|-------------------|-------------|
| Singapore | 653 |
| Malaysia | 729 |
| Indonesia | 1,039 |
| Greater China | 472 |
| Rest of the World | 139 |
| Total | 3,032 |

Distribution by geography is determined based on where the credit risk resides.



Impairment Allowances for Loans to Customers and Debt Securities

Analysed by Geography

| Allowances for Impaired Assets | | | Allowances for | |
|--------------------------------|--------------------|-----------------------|----------------|------------------------|
| S\$ million | Debt Securities | Loans to Customers | Total | Non-impaired Assets |
| Singapore | 2 | 129 | 131 | 928 |
| Malaysia | - | 292 | 292 | 256 |
| Indonesia | - | 389 | 389 | 331 |
| Greater China | - | 246 | 246 | 780 |
| Other Asia Pacific | - | 29 | 29 | 123 |
| Rest of the World | - | 223 | 223 | 263 |
| Total | 2 | 1,308 | 1,310 | 2,681 |

Distribution by geography is determined based on where the credit risk resides.

Analysed by Industry

| | Allowances for Impaired Assets | | |
|----------------------------------------------------------|--------------------------------|-----------------------|-------|
| S\$ million | Debt Securities | Loans to Customers | Total |
| Agriculture, mining and quarrying | - | 33 | 33 |
| Manufacturing | 2 | 277 | 279 |
| Building and construction | - | 104 | 104 |
| Housing | - | 95 | 95 |
| General commerce | - | 156 | 156 |
| Transport, storage and communication | - | 228 | 228 |
| Financial institutions, investment and holding companies | - | 104 | 104 |
| Professionals and individuals | - | 48 | 48 |
| Others | - | 263 | 263 |
| Total | 2 | 1,308 | 1,310 |



Impairment Allowances for Loans to Customers and Debt Securities (continued)

| | Net Allowances for Impaired Assets (Credited)/Charged to Income Statement | | | |
|----------------------------------------------------------|------------------------------------------------------------------------------|-----------------------|-------|--|
| S\$ million | Debt Securities | Loans to Customers | Total | |
| Agriculture, mining and quarrying | - | (17) | (17) | |
| Manufacturing | (#) | 59 | 59 | |
| Building and construction | - | 56 | 56 | |
| Housing | - | (32) | (32) | |
| General commerce | - | (9) | (9) | |
| Transport, storage and communication | - | 10 | 10 | |
| Financial institutions, investment and holding companies | | 73 | 73 | |
| Professionals and individuals | - | (13) | (13) | |
| Others | - | 9 | 9 | |
| Total | (#) | 136 | 136 | |

Represents amounts less than S\$0.5 million

Past Due Loans but Not Impaired

These are loans to customers that are past due but not impaired as the collateral values of these loans are in excess of the principal and interest outstanding. Allowances for these loans may have been set aside.

The following table provides the ageing analysis of non-impaired past due exposures.

Analysed by Period Overdue

| | S\$ million |
|---------------------------|-------------|
| Past due | |
| Less than 30 days | 884 |
| 30 to 90 days | 310 |
| Over 90 days | 333 |
| Past due but not impaired | 1,527 |

9.5 Restructured Exposures

Restructured exposures refer to exposures where the Bank has granted concessions or restructured repayment terms to borrowers who are facing difficulties in meeting original repayment schedules. They are classified in the appropriate non-performing grades and not restored to performing loan status until the borrowers have demonstrated sustained ability to meet all future obligations under the restructured terms.

The following table provides the breakdown of impaired and non-impaired restructured exposures.

| S\$ million | Impaired Exposures | Non-impaired Exposures |
|------------------------------------------|--------------------|------------------------|
| Credit Quality of Restructured Exposures | | |
| Substandard | 343 | 46 |
| Doubtful | 334 | 16 |
| Loss | 135 | 5 |
| At 31 December 2022 | 812 | 67 |



10.KEY APPROACHES USED FOR COMPUTATION OF RWA

Table below provides detail on Key Approaches used for computation of RWA.

| Risk Type | Approach for Computation of RWA |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit Risk | Advanced Internal Ratings Based (A-IRB) Approach for major consumer portfolios, including residential mortgages, credit cards and auto loans as well as small business and margin lending |
| | Foundation Internal Ratings Based (F-IRB) Approach for wholesale portfolios, namely sovereign, bank, non-bank financial institution, corporate real estate (including income-producing real estate specialised lending) and general corporate |
| | Supervisory Slotting Criteria for other specialised lending portfolios, namely project finance, object finance and commodities finance |
| | Any credit risk-weighted assets for securitisation exposures will be computed using the ratings-based method prescribed by MAS Notice 637 |
| | • Standardised Approach for portfolios in Bank OCBC NISP. Regulatory prescribed risk weights based on asset class and external ratings from approved credit rating agencies, where available, are used to determine regulatory capital. Approved external credit rating agencies are Standard and Poor's, Moody's and Fitch Ratings |
| Market Risk | • Standardised Approach for market risk assets, where Risk Weights are specified according to the instrument category, maturity period, credit quality grade as well as other factors and applied to the corresponding notional amount as prescribed under MAS Notice 637 |
| Operational Risk | Standardised Approach is used across the Group except for OCBC Wing Hang (Hong Kong and Macau) and Bank OCBC NISP, which have adopted the Basic Indicator Approach |
| | Operational risk-weighted assets are derived by applying specified factors or percentages to the annual gross income for the prescribed business lines in accordance with regulatory guidelines |

11.OVERVIEW OF RISK WEIGHTED ASSETS

The table below provides an overview of the Group's total RWA, broken down by the approaches with which the RWA are computed, as stipulated by MAS Notice 637. The decrease in total RWA in the fourth quarter of 2022 was mainly due to lower Credit RWA, largely attributed to the migration of corporate portfolio booked in OCBC Wing Hang to IRB from Standardised Approach and Foreign exchange movements.

| | | (a) | (b) | (c) |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------|
| | | R | WA | Minimal Capital Requirements ^{1/} |
| | S\$ million | Dec-22 | Sep-22 | Dec-22 |
| 1 2 3 4 5 | Credit Risk (excluding Counterparty Credit Risk) Of which: Standardised Approach Of which: Foundation Internal Ratings-Based Approach (F-IRBA) Of which: Supervisory Slotting Approach Of which: Advanced Internal Ratings-Based Approach (A-IRBA) | 184,445 33,194 133,624 3,930 13,697 | 188,752 41,160 128,805 3,500 15,287 | 18,444 3,319 13,362 393 1,370 |
| 6 7 8 9 9a | Credit Risk: Counterparty Credit Risk (CCR) Of which: SA-CCR Of which: Internal Models Method Of which: Other CCR Of which: Central Counterparties (CCP) | 5,234 2,767 - 465 2,002 | 5,322 3,018 - 365 1,939 | 523 277 - 46 200 |
| 10 | Credit Valuation Adjustments (CVA) | 2,598 | 2,987 | 260 |
| 11 11a 12 13 14 14a | Equity exposures under Simple Risk Weight Method Equity exposures under Internal Models Method Equity investments in funds - Look Through Approach Equity investments in funds - Mandate-Based Approach Equity investments in funds - Fall Back Approach Equity investments in funds - Partial Use of an Approach | - 148 227 9 132 | - 150 257 9 123 | - 15 23 1 13 |
| 15 | Unsettled Transactions | # | 167 | # |
| 16 17 18 19 | Securitisation exposures in banking book Of which: SEC-IRBA Of which: SEC-ERBA, including IAA Of which: SEC-SA | | - - - | - - - |
| 20 21 22 | Market Risk Of which: Standardised Approach Of which: Internal Models Approach | 8,587 8,587 - | 10,215 10,215 - | 859 859 - |
| 23 | Operational Risk | 20,348 | 19,989 | 2,035 |
| 24 | Credit RWA pursuant to paragraph 6.1.3(p)(iii) 2/ | 9,920 | 9,748 | 992 |
| 25 | Floor Adjustment | - | - | - |
| 26 | Total | 231,648 | 237,719 | 23,165 |

^{1/} Minimum capital requirements are calculated at 10% of RWA

^{2/} Refers to Credit RWA attributed to investments in the ordinary shares of unconsolidated major stake companies that are financial institutions, within the prescribed threshold amount in accordance with MAS Notice 637 paragraph 6.1.3 (p)(iii)

Represents amounts of less than \$0.5 million

12. RWA FLOW STATEMENT FOR CREDIT RISK EXPOSURES

This table provides an overview of the quarter-on-quarter movement of Credit RWA ("CRWA") attributed to the key drivers from rows 2 to 8.

The increase in CRWA during fourth quarter of 2022 was primarily due to the adoption of IRB Approach for corporate portfolio booked in OCBC Wing Hang and Corporate loan growth.

| | | (a) |
|---|-----------------------------------------------------------------------------|---------|
| | S\$ million | RWA |
| 1 | RWA as at 30 September 2022 ^{1/} | 147,592 |
| 2 | Asset Size ^{2/} | 4,900 |
| 3 | Asset Quality ^{3/} | (1,930) |
| 4 | Model Updates 4/ | 3,573 |
| 5 | Methodology and Policy 5/ | - |
| 6 | Acquisitions and Disposals 6/ | - |
| 7 | Foreign exchange movements 7/ | (2,884) |
| 8 | Other ^{8/} | - |
| 9 | RWA as at 31 December 2022 ^{1/} (1 + 2 + 3 + 4 + 5 + 6 + 7 + 8) | 151,251 |

^{1/} Refers to RWA of Credit Risk (excluding Counterparty Credit Risk) exposures under IRB Approach and Supervisory Slotting Approach

- ³⁷ Refers to changes in the assessed quality of the bank's assets due to changes in borrower risk, residual maturity or similar effects
- ^{4/} Refers to changes due to model implementation, changes in model scope, or any model enhancements
- ^{5/} Refers to changes driven by methodological changes such as regulatory policy changes
- ^{6/} Refers to changes in book size due to acquisition and disposal of entities or portfolios
- ^{7/} Refers to changes driven by market movements such as foreign exchange movements

^{8/} Refers to changes that cannot be attributed to any other category

^{2/} Refers to organic changes in book size and composition (origination of new businesses and maturing loans), excluding acquisitions and disposal of entities

13. CREDIT EXPOSURES UNDER STANDARDISED AND IRB APPROACH

13.1 Credit Exposures under Standardised Approach and CRM effects

The following table illustrates the effects of credit risk mitigation (CRM) on the calculation of capital requirements for credit and equity exposures under the Standardised Approach. The decrease in RWA in the second half of 2022 was due to the migration of corporate exposures booked in OCBC Wing Hang from Standardised to IRB Approach.

| | | | 31 Dec 2 | 022 | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|------------------|-------------------|--------|----------------|
| | | (a) | (b) | (c) | (d) | (e) | (f) |
| | | Exposures before | e CCF and CRM | Exposures post-C | CF and post-CRM | | |
| | S\$ million Asset Class Cash Items Sovereign PSE MDB Bank Corporate Regulatory Retail Residential Mortgage Commercial Real Estate | On-Balance Sheet | Off-Balance Sheet | On-Balance Sheet | Off-Balance Sheet | RWA | RWA Density |
| | Asset Class | | | | | | |
| 1 | Cash Items | 1,972 | - | 1,972 | - | 4 | 0% |
| 2 | Sovereign | 4,963 | - | 4,963 | - | 384 | 8% |
| 3 | PSE | 209 | 79 | 209 | 3 | 106 | 50% |
| 4 | MDB | 36 | - | 36 | 1 | - | 0% |
| 5 | Bank | 522 | - | 522 | - | 175 | 34% |
| 6 | Corporate | 5,906 | 5,901 | 5,479 | 1,681 | 7,121 | 99% |
| 7 | Regulatory Retail | 9,858 | 2,533 | 9,438 | 27 | 7,099 | 75% |
| 8 | Residential Mortgage | 2,590 | # | 2,496 | - | 963 | 39% |
| 9 | | 7,091 | 3,458 | 7,084 | 594 | 7,679 | 100% |
| 10 | Equity exposures | 710 | - | 710 | - | 1,146 | 162% |
| 11 | Past Due exposures | 366 | # | 366 | # | 467 | 127% |
| 12 | Higher risk exposures | - | - | - | - | - | NA |
| 13 | Others ^{1/} | 8,332 | 1,182 | 7,983 | 67 | 8,050 | 100% |
| 14 | Total | 42,555 | 13,153 | 41,258 | 2,373 | 33,194 | 76% |

| | | | 30 Jun 2 | 022 | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|------------------|-------------------|--------|----------------|
| | (a)(b)(c)(d)Exposures before CCF and CRMExposures post-CRMExposures post-CRMS\$ millionOn-Balance SheetOff-Balance SheetOn-Balance SheetAsset Class1,729Cash Items1,7291,729Sovereign6,6886,688PSE17111111MDB6654Bank474474Corporate12,5178,02111,5542,185Regulatory Retail0,1382,5499,63540Residential Mortgage2,5222,350169 | (e) | (f) | | | | |
| | | Exposures befo | re CCF and CRM | Exposures post-C | CF and post-CRM | | |
| | S\$ million | On-Balance Sheet | Off-Balance Sheet | On-Balance Sheet | Off-Balance Sheet | RWA | RWA Density |
| | Asset Class | | | | | | |
| 1 | Cash Items | 1,729 | - | 1,729 | - | 4 | 0% |
| 2 | Sovereign | 6,688 | - | 6,688 | - | 812 | 12% |
| 3 | PSE | 171 | - | 171 | - | 86 | 50% |
| 4 | MDB | 65 | - | 65 | # | - | 0% |
| 5 | Bank | 474 | - | 474 | - | 151 | 32% |
| 6 | Corporate | 12,517 | 8,021 | 11,554 | 2,185 | 13,173 | 96% |
| 7 | Regulatory Retail | 10,138 | 2,549 | 9,635 | 40 | 7,256 | 75% |
| 8 | Residential Mortgage | 2,522 | - | 2,416 | - | 881 | 36% |
| 9 | Commercial Real Estate | 7,323 | 2,350 | 7,304 | 169 | 7,473 | 100% |
| 10 | Equity exposures | 675 | - | 675 | - | 1,091 | 162% |
| 11 | Past Due exposures | 465 | 4 | 464 | 2 | 576 | 123% |
| 12 | Higher risk exposures | - | - | - | - | - | NA |
| 13 | Others ^{1/} | 8,649 | 1,071 | 8,269 | 22 | 8,292 | 100% |
| 14 | Total | 51,416 | 13,995 | 49,444 | 2,418 | 39,795 | 77% |

^{1/} Includes other exposures not included in the above asset classes, such as fixed asset

Represents amounts of less than \$0.5 million



13.2 Credit Exposures under Standardised Approach by Risk Weight

The following table provides a breakdown of credit risk exposures treated under the Standardised Approach by asset class and risk weight. The risk weight assigned corresponds to the level of risk attributed to each exposure.

| | | | | | 31 Dec 2 | 2022 | | | | | |
|----|---------------------------|-------|-----|-----|-------------|---------------|-------|--------|------|--------|--------------|
| | | (a) | (b) | (c) | (d) Risk | (e) Weight | (f) | (g) | (h) | (i) | (j) |
| | S\$ million | 0% | 10% | 20% | 35% | 50% | 75% | 100% | 150% | Others | Total EAD 1/ |
| | Asset Class | | | | | | | | | | |
| 1 | Cash Items | 1,953 | - | 19 | - | - | - | - | - | - | 1,972 |
| 2 | Sovereign | 4,195 | - | - | - | 768 | - | - | - | - | 4,963 |
| 3 | PSE | - | - | - | - | 212 | - | - | - | - | 212 |
| 4 | MDB | 37 | - | - | - | - | - | - | - | - | 37 |
| 5 | Bank | - | - | 284 | - | 237 | - | - | - | - | 521 |
| 6 | Corporate | - | - | 45 | - | 4 | - | 7,111 | # | - | 7,160 |
| 7 | Regulatory Retail | - | - | - | - | - | 9,465 | - | - | - | 9,465 |
| 8 | Residential Mortgage | - | - | - | 2,292 | - | 171 | 33 | - | - | 2,496 |
| 9 | Commercial Real Estate | - | - | - | - | - | - | 7,679 | - | - | 7,679 |
| 10 | Equity exposures | - | - | - | - | - | - | - | - | 710 | 710 |
| 11 | Past Due exposures | - | - | - | - | - | - | 165 | 201 | - | 366 |
| 12 | Higher risk exposures | - | - | - | - | - | - | - | - | - | - |
| 13 | Others ^{2/} | - | - | - | - | - | - | 8,050 | - | - | 8,050 |
| 14 | Total | 6,185 | - | 348 | 2,292 | 1,221 | 9,636 | 23,038 | 201 | 710 | 43,631 |

| | | | | | 30 Jun 2 | 022 | | | | | |
|----|---------------------------|-------|-----|-----|-------------|---------------|-------|--------|------|--------|-------------------------|
| | | (a) | (b) | (c) | (d) Risk | (e) Weight | (f) | (g) | (h) | (i) | (j) |
| | S\$ million | 0% | 10% | 20% | 35% | 50% | 75% | 100% | 150% | Others | Total EAD ^{1/} |
| | Asset Class | | | | | | | | | | |
| 1 | Cash Items | 1,711 | - | 18 | - | - | - | - | - | - | 1,729 |
| 2 | Sovereign | 5,063 | - | - | - | 1,625 | - | - | - | - | 6,688 |
| 3 | PSE | - | - | - | - | 171 | - | - | - | - | 171 |
| 4 | MDB | 65 | - | - | - | - | - | - | - | - | 65 |
| 5 | Bank | - | - | 285 | - | 189 | - | - | - | - | 474 |
| 6 | Corporate | - | - | 123 | - | 931 | - | 12,684 | # | - | 13,738 |
| 7 | Regulatory Retail | - | - | - | - | - | 9,675 | - | - | - | 9,675 |
| 8 | Residential Mortgage | - | - | - | 2,342 | - | 50 | 24 | - | - | 2,416 |
| 9 | Commercial Real Estate | - | - | - | - | - | - | 7,473 | - | - | 7,473 |
| 10 | Equity exposures | - | - | - | - | - | - | - | - | 675 | 675 |
| 11 | Past Due exposures | - | - | - | - | - | - | 248 | 219 | - | 467 |
| 12 | Higher risk exposures | - | - | - | - | - | - | - | - | - | - |
| 13 | Others ^{2/} | - | - | - | - | - | - | 8,291 | - | - | 8,291 |
| 14 | Total | 6,839 | - | 426 | 2,342 | 2,916 | 9,725 | 28,720 | 219 | 675 | 51,862 |

^{1/} Total EAD refers to both on and off-balance sheet amounts that are used for computing capital requirements, net of impairment allowances and write-offs and after application of CRM and CCF

 $^{2\prime}$ Includes other exposures not included in the above asset classes, such as fixed asset

13.3 Credit Exposures under Foundation Internal Ratings-Based Approach (F-IRBA)

The following table provides the main parameters used in the treatment of exposures for the calculation of capital requirements under the F-IRBA.

| | | | | | 31 De | c 2022 | | | | | | |
|-------------------|---------------------------------------|----------------------------------------|--------------------|---------------------------------------|------------------------------------|--------------------------------|-------------------------------------|-------------------------------------------------|-------------------------|-------------------------------------|----------------------------|---------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (I) |
| | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF (%) | EAD ^{3/} (S\$ million) | Average PD ^{4/} (%) | Number of Obligors 5/ | Average LGD ^{4/} (%) | Average Maturity ^{6/} (In years) | RWA (S\$ million) | RWA Density ^{7/} (%) | Expected Losses (S\$ | TEP ^{8/} (S\$ million) |
| Sovereign | (S\$ m | illion) | | | (/-/ | 5/ | (,,,) | () | | (,,,, | million) | , |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 61,058 | 2,618 | 0% | 61,755 | 0.00% | 41 | 45% | 1.4 | 738 | 1% | 1 | |
| 0.15 to < 0.25 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.25 to < 0.50 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.50 to < 0.75 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.75 to < 2.50 | 4 | - | - | 4 | 1.11% | 2 | 45% | 1.0 | 4 | 81% | # | |
| 2.50 to < 10.00 | - | - | - | - | - | - | - | - | - | NA | - | |
| 10.00 to < 100.00 | 53 | # | - | 53 | 11.10% | 11 | 49% | 1.0 | 111 | 210% | 3 | |
| 100.00 (Default) | - | - | - | - | - | - | - | - | - | NA | - | |
| Sub-total | 61,115 | 2,618 | 0% | 61,812 | 0.01% | 54 | 45% | 1.4 | 853 | 1% | 4 | 12 |
| Bank | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 34,649 | 1,278 | 22% | 36,110 | 0.05% | 250 | 45% | 0.9 | 5,190 | 14% | 8 | |
| 0.15 to < 0.25 | - | | | - | - | | - | - | - | NA | - | |
| 0.25 to < 0.50 | 1,820 | 173 | 71% | 1,943 | 0.37% | 15 | 45% | 0.5 | 1,036 | 53% | 3 | |
| 0.50 to < 0.75 | 831 | 111 | 7% | 839 | 0.54% | 17 | 45% | 0.3 | 536 | 64% | 2 | |
| 0.75 to < 2.50 | 749 | 176 | 30% | 725 | 1.20% | 19 | 45% | 0.2 | 640 | 88% | 4 | |
| 2.50 to < 10.00 | - | 1 | 100% | 1 | 6.42% | 1 | 0% | 1.0 | - | 0% | - | |
| 10.00 to < 100.00 | 2 | 5 | 52% | 4 | 11.27% | 48 | 25% | 0.9 | 5 | 122% | # | |
| 100.00 (Default) | # | 1 | 50% | # | 100.00% | 4 | 2% | 1.0 | - | 0% | # | |
| Sub-total | 38,051 | 1,745 | 27% | 39,622 | 0.10% | 354 | 45% | 0.9 | 7,407 | 19% | 17 | 105 |
| | | | | | | | | | | | | |
| Corporate | | | | | | | | | | | | |
| PD Range | FF 000 | 07 000 | 050/ | 00.00- | 0.400/ | 4 005 | 4 407 | | 00.40- | 000/ | 00 | |
| 0.00 to < 0.15 | 55,966 | 37,090 | 35% | 68,807 | 0.10% | 1,035 | 44% | 2.3 | 20,427 | 30% | 30 | |
| 0.15 to < 0.25 | - | # | 0% | - | 0.00% | 1 | 0% | - | - | NA | - | |
| 0.25 to < 0.50 | 25,011 | 23,527 | 27% | 31,158 | 0.37% | 672 | 44% | 2.0 | 17,847 | 57% | 50 | |
| 0.50 to < 0.75 | 15,437 | 12,452 | 20% | 17,789 | 0.54% | 726 | 43% | 1.9 | 12,084 | 68% | 41 | |
| 0.75 to < 2.50 | 13,580 | 14,597 | 18% | 15,615 | 1.28% | 950 | 42% | 1.9 | 14,352 | 92% | 84 | |
| 2.50 to < 10.00 | 4,569 | 1,587 | 12% | 4,616 | 4.27% | 394 | 40% | 2.4 | 6,142 | 133% | 80 | |
| 10.00 to < 100.00 | 721 | 480 | 2% | 692 | 12.51% | 442 | 38% | 2.3 | 1,282 | 185% | 34 | |
| 100.00 (Default) | 2,378 | 61 | 29% | 2,394 | 100.00% | 142 | 44% | 1.3 | - | 0% | 1,023 | |
| Sub-total | 117,662 | 89,794 | 27% | 141,071 | 2.24% | 4,362 | 44% | 2.1 | 72,134 | 51% | 1,343 | 2,921 |

13.3 Credit Exposures under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | | | 31 Dec | 2022 | | | | | | |
|-----------------------------------------|---------------------------------------|----------------------------------------|-----------------------|---------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------|-------------------------------------|----------------------------|------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (1 |
| | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF (%) | EAD ^{3/} (S\$ million) | Average PD ^{4/} (%) | Number of Obligors ^{5/} | Average LGD ^{4/} (%) | Average Maturity ^{6/} (In years) | RWA (S\$ million) | RWA Density ^{7/} (%) | Expected Losses (S\$ | TEP ⁸ (S§ million |
| Corporate (IPRE) | (S\$ m | illion) | (70) | minori) | (70) | | (70) | (III years) | minori) | (76) | million) | minori |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 1,846 | 119 | 66% | 1,924 | 0.13% | 14 | 45% | 2.1 | 637 | 33% | 1 | |
| 0.15 to < 0.25 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.25 to < 0.50 | 3,424 | 749 | 40% | 3,721 | 0.37% | 29 | 45% | 2.1 | 2,202 | 59% | 6 | |
| 0.50 to < 0.75 | 10,476 | 1,192 | 63% | 11,222 | 0.54% | 96 | 45% | 2.3 | 8,446 | 75% | 27 | |
| 0.75 to < 2.50 | 23,590 | 4,678 | 62% | 26,465 | 1.37% | 416 | 45% | 2.2 | 27,560 | 104% | 162 | |
| 2.50 to < 10.00 | 3,439 | 1,101 | 40% | 3,862 | 3.93% | 134 | 45% | 2.2 | 5,508 | 143% | 68 | |
| 10.00 to < 100.00 | 238 | 11 | 68% | 246 | 11.10% | 13 | 45% | 1.1 | 479 | 195% | 12 | |
| 100.00 (Default) | 228 | 8 | 50% | 232 | 100.00% | 10 | 45% | 1.3 | - | 0% | 103 | |
| Sub-total | 43,241 | 7,858 | 57% | 47,672 | 1.78% | 712 | 45% | 2.2 | 44,832 | 94% | 380 | 69 |
| Corporate Small Business PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 467 | 532 | 9% | 505 | 0.12% | 331 | 41% | 2.7 | 152 | 30% | # | |
| 0.15 to < 0.25 | 591 | 191 | 12% | 552 | 0.16% | 753 | 39% | 4.1 | 211 | 38% | # | |
| 0.25 to < 0.50 | 914 | 760 | 8% | 914 | 0.37% | 329 | 40% | 2.1 | 427 | 47% | 1 | |
| 0.50 to < 0.75 | 1,197 | 1,039 | 19% | 1,354 | 0.54% | 532 | 40% | 2.3 | 796 | 59% | 3 | |
| 0.75 to < 2.50 | 3,939 | 2,743 | 8% | 3,931 | 1.52% | 1,330 | 37% | 2.4 | 3,146 | 80% | 22 | |
| 2.50 to < 10.00 | 2,150 | 1,196 | 7% | 2,157 | 4.20% | 867 | 37% | 2.3 | 2,279 | 106% | 33 | |
| 10.00 to < 100.00 | 790 | 401 | 9% | 802 | 12.92% | 556 | 38% | 2.5 | 1,387 | 173% | 38 | |
| 100.00 (Default) | 772 | 24 | 56% | 775 | 100.00% | 217 | 42% | 1.2 | - | 0% | 327 | |
| Sub-total | 10,820 | 6,886 | 10% | 10,990 | 9.47% | 4,915 | 38% | 2.4 | 8,398 | 76% | 425 | 58 |
| | | | | | | | | | | | | |

13.3 Credit Exposures under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | | | 30 Jui | n 2022 | | | | | | |
|-------------------|---------------------------------------|----------------------------------------|--------------------|---------------------------|-----------------------------|-------------------------------------|-------------------|-----------------------------------|-------------|-------------------------------------|----------------------------|-------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (1 |
| _ | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF (%) | EAD ^{3/} (S\$ | Average PD ^{4/} | Number of Obligors ^{5/} | Average LGD 4/ | Average Maturity ^{6/} | RWA (S\$ | RWA Density ^{7/} (%) | Expected Losses (S\$ | TEP [®] (SS |
| Sovereign | (S\$ mil | lion) | | million) | (%) | - | (%) | (In years) | million) | ·/ (%) | million) | million |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 57,290 | 1,410 | 7% | 58,174 | 0.00% | 43 | 45% | 1.5 | 723 | 1% | 1 | |
| 0.15 to < 0.25 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.25 to < 0.50 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.50 to < 0.75 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.75 to < 2.50 | 10 | - | - | 10 | 1.11% | 2 | 45% | 1.0 | 8 | 81% | # | |
| 2.50 to < 10.00 | - | - | - | - | - | - | - | - | - | NA | - | |
| 10.00 to < 100.00 | 80 | # | - | 80 | 11.10% | 5 | 48% | 1.0 | 164 | 207% | 4 | |
| 100.00 (Default) | - | - | - | - | - | - | - | - | - | NA | - | |
| Sub-total | 57,380 | 1,410 | 7% | 58,264 | 0.02% | 50 | 45% | 1.5 | 895 | 2% | 5 | 1 |
| | | | | | | | | | | | | |
| Bank | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 31,624 | 1,470 | 27% | 33,895 | 0.05% | 262 | 45% | 1.1 | 5,303 | 16% | 8 | |
| 0.15 to < 0.25 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.25 to < 0.50 | 2,301 | 214 | 88% | 2,489 | 0.37% | 15 | 45% | 0.5 | 1,325 | 53% | 4 | |
| 0.50 to < 0.75 | 847 | 109 | 5% | 1,143 | 0.54% | 18 | 45% | 0.6 | 787 | 69% | 3 | |
| 0.75 to < 2.50 | 541 | 29 | 5% | 506 | 1.16% | 20 | 45% | 0.3 | 462 | 91% | 3 | |
| 2.50 to < 10.00 | - | 1 | 100% | 1 | 6.42% | 1 | 0% | 1.0 | - | 0% | - | |
| 10.00 to < 100.00 | 29 | 8 | 43% | 31 | 11.21% | 50 | 42% | 0.4 | 64 | 202% | 1 | |
| 100.00 (Default) | # | 1 | 1 | # | 100.00% | 4 | 2% | 1.0 | - | 0% | # | |
| Sub-total | 35,342 | 1,832 | 32% | 38,065 | 0.11% | 370 | 45% | 1.0 | 7,941 | 21% | 19 | 10 |
| | | | | | | | | | | | | |
| Corporate | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 52,225 | 33,748 | 35% | 63,939 | 0.10% | 988 | 44% | 2.4 | 19,635 | 31% | 28 | |
| 0.15 to < 0.25 | 1 | 6 | 74% | 5 | 0.15% | 4 | 40% | 3.9 | 2 | 46% | # | |
| 0.25 to < 0.50 | 26,205 | 21,129 | 25% | 31,319 | 0.37% | 639 | 43% | 1.9 | 17,549 | 56% | 50 | |
| 0.50 to < 0.75 | 13,408 | 12,238 | 18% | 15,263 | 0.54% | 647 | 43% | 1.8 | 9,943 | 65% | 35 | |
| 0.75 to < 2.50 | 12,116 | 14,000 | 16% | 13,644 | 1.31% | 845 | 42% | 2.0 | 12,656 | 93% | 75 | |
| 2.50 to < 10.00 | 4,979 | 1,702 | 24% | 5,176 | 3.78% | 394 | 41% | 2.6 | 6,885 | 133% | 80 | |
| 10.00 to < 100.00 | 557 | 758 | 2% | 519 | 13.03% | 401 | 42% | 2.0 | 1,031 | 199% | 28 | |
| 100.00 (Default) | 2,309 | 66 | 30% | 2,283 | 100.00% | 129 | 44% | 1.1 | - | 0% | 1,009 | |
| Sub-total | 111,800 | 83,647 | 26% | 132,148 | 2.26% | 4,047 | 44% | 2.1 | 67,701 | 51% | 1,305 | 2,79 |

13.3 Credit Exposures under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | | | 30 Ju | ın 2022 | | | | | | |
|-----------------------------|---------------------------------------|----------------------------------------|-----------------------|---------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------|-------------------------------------|----------------------------|---------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (I) |
| | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF (%) | EAD ^{3/} (S\$ million) | Average PD ^{4/} (%) | Number of Obligors ^{5/} | Average LGD ^{4/} (%) | Average Maturity ^{6/} (In years) | RWA (S\$ million) | RWA Density ^{7/} (%) | Expected Losses (S\$ | TEP ^{8/} (S\$ million) |
| Corporate (IPRE) | (S\$ m | illion) | (70) | minori) | (70) | | (70) | (III years) | minori) | (78) | million) | minor) |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 1,365 | 141 | 67% | 1,460 | 0.14% | 11 | 45% | 3.1 | 622 | 43% | 1 | |
| 0.15 to < 0.25 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.25 to < 0.50 | 4,780 | 886 | 45% | 5,179 | 0.37% | 35 | 45% | 1.9 | 2,965 | 57% | 9 | |
| 0.50 to < 0.75 | 11,006 | 956 | 61% | 11,584 | 0.54% | 83 | 45% | 2.4 | 8,622 | 74% | 28 | |
| 0.75 to < 2.50 | 20,843 | 3,365 | 62% | 22,887 | 1.38% | 381 | 45% | 2.2 | 23,784 | 104% | 142 | |
| 2.50 to < 10.00 | 3,080 | 716 | 29% | 3,270 | 3.82% | 130 | 45% | 2.2 | 4,614 | 141% | 56 | |
| 10.00 to < 100.00 | 179 | 1 | 11% | 177 | 13.86% | 11 | 44% | 1.2 | 364 | 206% | 11 | |
| 100.00 (Default) | 131 | 9 | 50% | 135 | 100.00% | 7 | 45% | 1.5 | - | 0% | 61 | |
| Sub-total | 41,384 | 6,074 | 56% | 44,692 | 1.53% | 658 | 45% | 2.2 | 40,971 | 92% | 308 | 587 |
| Corporate Small Business | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 469 | 490 | 11% | 512 | 0.11% | 324 | 39% | 2.6 | 140 | 27% | # | |
| 0.15 to < 0.25 | 571 | 226 | 12% | 525 | 0.16% | 843 | 39% | 4.0 | 199 | 38% | # | |
| 0.25 to < 0.50 | 696 | 531 | 9% | 697 | 0.37% | 308 | 41% | 2.6 | 354 | 51% | 1 | |
| 0.50 to < 0.75 | 1,094 | 752 | 9% | 1,102 | 0.54% | 529 | 39% | 2.1 | 577 | 52% | 2 | |
| 0.75 to < 2.50 | 3,506 | 2,329 | 10% | 3,459 | 1.45% | 1,152 | 38% | 2.5 | 2,706 | 78% | 19 | |
| 2.50 to < 10.00 | 1,820 | 1,020 | 10% | 1,843 | 3.94% | 697 | 37% | 2.2 | 1,798 | 98% | 27 | |
| 10.00 to < 100.00 | 521 | 248 | 7% | 507 | 13.78% | 473 | 38% | 2.5 | 769 | 152% | 25 | |
| 100.00 (Default) | 899 | 24 | 56% | 906 | 100.00% | 212 | 43% | 1.3 | - | 0% | 390 | |
| Sub-total | 9,576 | 5,620 | 10% | 9,551 | 11.61% | 4,538 | 39% | 2.4 | 6,543 | 68% | 464 | 686 |
| Total (all portfolios) | 255,482 | 98,583 | 27% | 282,720 | 1.71% | 9,663 | 44% | 1.9 | 124,051 | 44% | 2,101 | 4,183 |

^{1/} On-balance sheet refers to the amount of the on-balance sheet exposure gross of impairment allowances (before taking into account the effect of CRM)

^{2/} Off-balance sheet refers to the exposure value without taking into account valuation adjustments and impairment allowances, CCFs and the effect of CRM ^{3/} EAD refers to the amount relevant for the capital requirements calculation, after taking into account the effect of CCFs and CRM

^{4/} Refers to the PD and LGD associated with each obligor grade, weighted by EAD

^{5/} Number of obligors refers to the number of counterparties

⁶⁷ Refers to the effective maturity of the exposures to the obligor in years, weighted by EAD $\frac{7}{7}$ Total RWA divided by the exposures post-CCF and post-CRM

^{8/} Refers to the total eligible provisions attributed to the respective portfolios

Represents amounts of less than \$0.5 million

13.4 Credit Exposures under Advanced Internal Ratings-Based Approach (A-IRBA)

The following table provides the main parameters used in the treatment of exposures for the calculation of capital requirements under the A-IRBA.

| | | | | | 31 | Dec 2022 | | | | | | |
|--------------------------------|---------------------------------------|----------------------------------------|--------------------|---------------------------|------------------|-------------------------------------|-------------------|-----------------------------------|-------------|------------------------------|--------------------|---------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (I) |
| | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF (%) | EAD ^{3/} (S\$ | Average PD 4/ | Number of Obligors ^{5/} | Average LGD 4/ | Average Maturity ^{6/} | RWA (S\$ | RWA Density ^{7/} | Expected Losses | TEP ^{8/} (S\$ |
| Residential Mortgage | (S\$ m | illion) | | million) | (%) | 0 | (%) | (In years) | million) | (%) | (S\$ million) | million) |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 5,169 | 503 | 66% | 5,503 | 0.10% | 13,513 | 10% | | 139 | 3% | 1 | |
| 0.15 to < 0.25 | 16,216 | 1,984 | 79% | 17,792 | 0.16% | 36,402 | 10% | | 647 | 4% | 3 | |
| 0.25 to < 0.50 | 13,214 | 1,453 | 77% | 14,329 | 0.25% | 37,213 | 10% | | 734 | 5% | 4 | |
| 0.50 to < 0.75 | 15,516 | 1,820 | 81% | 16,989 | 0.50% | 49,445 | 10% | | 1,448 | 9% | 9 | |
| 0.75 to < 2.50 | 9,519 | 803 | 83% | 10,183 | 1.16% | 43,482 | 11% | | 1,593 | 16% | 13 | |
| 2.50 to < 10.00 | 1,959 | 254 | 89% | 2,185 | 3.72% | 7,532 | 11% | | 703 | 32% | 9 | |
| 10.00 to < 100.00 | 813 | 20 | 82% | 830 | 25.03% | 7,438 | 13% | | 608 | 73% | 28 | |
| 100.00 (Default) | 577 | 3 | 0% | 577 | 100.00% | 7,469 | 16% | | 356 | 62% | 100 | |
| Sub-total | 62,983 | 6,840 | 79% | 68,388 | 1.67% | 202,494 | 10% | | 6,228 | 9% | 167 | 188 |
| Qualifying Revolving Retail | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 445 | 6,383 | 42% | 3,155 | 0.06% | 535,548 | 80% | | 111 | 4% | 2 | |
| 0.15 to < 0.25 | 379 | 1,864 | 46% | 1,245 | 0.15% | 170,774 | 81% | | 90 | 7% | 2 | |
| 0.25 to < 0.50 | 3 | 254 | 49% | 128 | 0.31% | 23,154 | 86% | | 18 | 14% | # | |
| 0.50 to < 0.75 | 320 | 849 | 48% | 730 | 0.51% | 95,058 | 78% | | 136 | 19% | 3 | |
| 0.75 to < 2.50 | 328 | 284 | 60% | 499 | 1.45% | 55,421 | 82% | | 218 | 44% | 6 | |
| 2.50 to < 10.00 | 211 | 151 | 65% | 310 | 4.53% | 48,999 | 76% | | 285 | 92% | 11 | |
| 10.00 to < 100.00 | 87 | 38 | 77% | 116 | 21.55% | 14,172 | 82% | | 243 | 209% | 20 | |
| 100.00 (Default) | 13 | - | 0% | 13 | 100.00% | 2,407 | 81% | | # | 0% | 13 | |
| Sub-total | 1,786 | 9,823 | 45% | 6,196 | 1.09% | 945,533 | 80% | | 1,101 | 18% | 57 | 28 |
| Retail Small Business | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 195 | 201 | 58% | 311 | 0.10% | 3,683 | 23% | | 19 | 6% | # | |
| 0.15 to < 0.25 | 1,472 | 447 | 54% | 1,712 | 0.17% | 8,835 | 27% | | 173 | 10% | 1 | |
| 0.25 to < 0.50 | 465 | 35 | 56% | 485 | 0.35% | 1,989 | 27% | | 81 | 17% | # | |
| 0.50 to < 0.75 | 529 | 68 | 60% | 569 | 0.50% | 4,024 | 31% | | 132 | 23% | 1 | |
| 0.75 to < 2.50 | 1,361 | 98 | 61% | 1,421 | 1.22% | 7,638 | 30% | | 492 | 35% | 5 | |
| 2.50 to < 10.00 | 675 | 28 | 60% | 692 | 4.28% | 5,380 | 32% | | 333 | 48% | 9 | |
| 10.00 to < 100.00 | 320 | 51 | 70% | 356 | 24.62% | 3,124 | 34% | | 259 | 73% | 32 | |
| 100.00 (Default) | 159 | 3 | 0% | 159 | 100.00% | 1,473 | 41% | | 241 | 151% | 56 | |
| Sub-total | 5,176 | 931 | 57% | 5,705 | 5.28% | 36,146 | 29% | | 1,730 | 30% | 104 | 78 |



13.4 Credit Exposures under Advanced Internal Ratings-Based Approach (A-IRBA) (continued)

| | | | | | 31 Dec | : 2022 | | | | | | |
|------------------------|---------------------------------------|----------------------------------------|--------------------|---------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------|-------------------------------------|----------------------------|---------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (I) |
| | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF (%) | EAD ^{3/} (S\$ million) | Average PD ^{4/} (%) | Number of Obligors ^{5/} | Average LGD ^{4/} (%) | Average Maturity ^{6/} (In years) | RWA (S\$ million) | RWA Density ^{7/} (%) | Expected Losses (S\$ | TEP ^{8/} (S\$ million) |
| Other Retail | (S\$ m | illion) | | , | (,-) | | (,-) | (, , | , | (,-) | million) | , |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 566 | 2,810 | 99% | 3,358 | 0.05% | 13,292 | 4% | | 24 | 1% | # | |
| 0.15 to < 0.25 | 3,402 | 1,389 | 95% | 4,725 | 0.19% | 34,164 | 10% | | 189 | 4% | 1 | |
| 0.25 to < 0.50 | 230 | 19 | 48% | 239 | 0.30% | 3,701 | 15% | | 20 | 8% | # | |
| 0.50 to < 0.75 | 3,035 | 849 | 98% | 3,866 | 0.50% | 7,037 | 8% | | 241 | 6% | 2 | |
| 0.75 to < 2.50 | 6,111 | 1,695 | 97% | 7,749 | 1.51% | 4,855 | 9% | | 826 | 11% | 10 | |
| 2.50 to < 10.00 | 3,422 | 789 | 100% | 4,210 | 5.00% | 1,734 | 9% | | 590 | 14% | 19 | |
| 10.00 to < 100.00 | 6,013 | 1,342 | 100% | 7,353 | 12.57% | 1,407 | 9% | | 1,307 | 18% | 86 | |
| 100.00 (Default) | 124 | 1 | 1% | 124 | 100.00% | 358 | 39% | | 41 | 33% | 84 | |
| Sub-total | 22,903 | 8,894 | 98% | 31,624 | 4.45% | 66,548 | 9% | | 3,238 | 10% | 202 | 130 |
| | | | | | | | | | | | | |
| Corporate | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 117 | 554 | 100% | 672 | 0.05% | 439 | 1% | 1.0 | 2 | 0% | # | |
| 0.15 to < 0.25 | 363 | 252 | 100% | 615 | 0.20% | 372 | 7% | 1.0 | 29 | 5% | # | |
| 0.25 to < 0.50 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.50 to < 0.75 | 504 | 142 | 100% | 646 | 0.50% | 122 | 5% | 1.0 | 39 | 6% | # | |
| 0.75 to < 2.50 | 1,106 | 240 | 100% | 1,346 | 1.55% | 166 | 6% | 1.0 | 169 | 13% | 1 | |
| 2.50 to < 10.00 | 1,137 | 187 | 100% | 1,323 | 5.00% | 74 | 8% | 1.0 | 329 | 25% | 5 | |
| 10.00 to < 100.00 | 1,235 | 347 | 100% | 1,582 | 11.46% | 197 | 12% | 1.0 | 832 | 53% | 21 | |
| 100.00 (Default) | - | - | - | - | - | - | - | - | - | NA | - | |
| Sub-total | 4,462 | 1,722 | 100% | 6,184 | 4.42% | 1,370 | 7% | 1.0 | 1,400 | 23% | 27 | 20 |
| Total (all portfolios) | 97,310 | 28,210 | 74% | 118,097 | 2.70% | 1,252,091 | 14% | | 13,697 | 12% | 556 | 444 |

13.4 Credit Exposures under Advanced Internal Ratings-Based Approach (A-IRBA) (continued)

| | | | | | 30 J | un 2022 | | | | | | |
|--------------------------------|---------------------------------------|----------------------------------------|----------------|---------------------------|------------------|-------------------------------------|-------------------|-----------------------------------|-------------|------------------------------|----------------------------|-------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (1) |
| | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF | EAD ^{3/} (S\$ | Average PD 4/ | Number of Obligors ^{5/} | Average LGD 4/ | Average Maturity ^{6/} | RWA (S\$ | RWA Density ^{7/} | Expected Losses (S\$ | TEP [®] (S§ |
| Residential Mortgage | (S\$ mil | lion) | - (%) | million) | (%) | - | (%) | (In years) | million) | (%) | million) | million |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 4,729 | 502 | 66% | 5,059 | 0.10% | 13,346 | 10% | | 128 | 3% | 1 | |
| 0.15 to < 0.25 | 16,182 | 1,978 | 72% | 17,612 | 0.16% | 36,991 | 10% | | 643 | 4% | 3 | |
| 0.25 to < 0.50 | 12,538 | 1,522 | 70% | 13,597 | 0.26% | 37,466 | 10% | | 699 | 5% | 4 | |
| 0.50 to < 0.75 | 15,639 | 1,787 | 72% | 16,929 | 0.50% | 50,626 | 10% | | 1,446 | 9% | 9 | |
| 0.75 to < 2.50 | 10,005 | 910 | 74% | 10,681 | 1.15% | 45,289 | 11% | | 1,656 | 16% | 13 | |
| 2.50 to < 10.00 | 2,273 | 331 | 84% | 2,550 | 3.64% | 7,903 | 11% | | 822 | 32% | 11 | |
| 10.00 to < 100.00 | 793 | 27 | 96% | 818 | 24.85% | 7,890 | 13% | | 579 | 71% | 25 | |
| 100.00 (Default) | 876 | 8 | 40% | 879 | 100.00% | 9,264 | 16% | | 622 | 71% | 145 | |
| Sub-total | 63,035 | 7,065 | 72% | 68,125 | 2.13% | 208,775 | 10% | | 6,595 | 10% | 211 | 23 |
| Qualifying Revolving Retail | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 407 | 6,353 | 43% | 3,120 | 0.06% | 544,540 | 80% | | 110 | 4% | 2 | |
| 0.15 to < 0.25 | 342 | 1,703 | 44% | 1,094 | 0.15% | 164,936 | 80% | | 78 | 7% | 1 | |
| 0.25 to < 0.50 | 2 | 264 | 49% | 132 | 0.31% | 23,889 | 85% | | 19 | 14% | # | |
| 0.50 to < 0.75 | 271 | 804 | 47% | 649 | 0.51% | 88,959 | 78% | | 120 | 18% | 3 | |
| 0.75 to < 2.50 | 272 | 282 | 57% | 433 | 1.44% | 50,688 | 81% | | 188 | 43% | 5 | |
| 2.50 to < 10.00 | 229 | 166 | 63% | 333 | 4.55% | 52,398 | 77% | | 309 | 93% | 12 | |
| 10.00 to < 100.00 | 122 | 54 | 75% | 162 | 21.07% | 19,337 | 82% | | 341 | 211% | 28 | |
| 100.00 (Default) | 11 | - | 0% | 11 | 100.00% | 2,294 | 82% | | - | 0% | 11 | |
| Sub-total | 1,656 | 9,626 | 44% | 5,934 | 1.24% | 947,041 | 80% | | 1,165 | 20% | 62 | 2 |
| Retail Small Business | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 208 | 221 | 57% | 333 | 0.10% | 3,856 | 23% | | 20 | 6% | # | |
| 0.15 to < 0.25 | 1,698 | 447 | 53% | 1,935 | 0.17% | 9,907 | 26% | | 187 | 10% | 1 | |
| 0.25 to < 0.50 | 417 | 27 | 58% | 433 | 0.35% | 1,641 | 26% | | 70 | 16% | # | |
| 0.50 to < 0.75 | 542 | 71 | 57% | 583 | 0.50% | 4,024 | 31% | | 136 | 23% | 1 | |
| 0.75 to < 2.50 | 1,331 | 88 | 68% | 1,390 | 1.21% | 7,092 | 31% | | 483 | 35% | 5 | |
| 2.50 to < 10.00 | 625 | 31 | 61% | 644 | 4.35% | 4,903 | 34% | | 334 | 52% | 9 | |
| 10.00 to < 100.00 | 286 | 41 | 80% | 319 | 24.75% | 3,020 | 36% | | 244 | 77% | 30 | |
| 100.00 (Default) | 236 | 2 | 3% | 236 | 100.00% | 1,838 | 41% | | 415 | 176% | 79 | |
| Sub-total | 5,343 | 928 | 57% | 5,873 | 6.26% | 36,281 | 29% | | 1,889 | 32% | 125 | 10 |

13.4 Credit Exposures under Advanced Internal Ratings-Based Approach (A-IRBA) (continued)

| | | | | | 30 Ju | n 2022 | | | | | | |
|------------------------|---------------------------------------|----------------------------------------|----------------|---------------------------|------------------|-------------------------------------|-------------------|------------------------|-------------|------------------------------|----------------------------|--------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (I) |
| | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Average CCF | EAD ^{3/} (S\$ | Average PD 4/ | Number of Obligors ^{5/} | Average LGD 4/ | Average Maturity 6/ | RWA (S\$ | RWA Density ^{7/} | Expected Losses (S\$ | TEP [®] (S\$ |
| Other Retail | (S\$ m | illion) | (%) | million) | (%) | Congoio | (%) | (In years) | million) | (%) | million) | million) |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 610 | 2,493 | 99% | 3,084 | 0.05% | 13,627 | 4% | | 27 | 1% | # | |
| 0.15 to < 0.25 | 3,517 | 1,341 | 95% | 4,789 | 0.19% | 33,409 | 10% | | 188 | 4% | 1 | |
| 0.25 to < 0.50 | 194 | 23 | 44% | 204 | 0.30% | 3,429 | 12% | | 14 | 7% | # | |
| 0.50 to < 0.75 | 3,035 | 799 | 98% | 3,822 | 0.50% | 7,171 | 9% | | 251 | 7% | 2 | |
| 0.75 to < 2.50 | 6,585 | 1,629 | 100% | 8,210 | 1.45% | 5,234 | 9% | | 865 | 11% | 10 | |
| 2.50 to < 10.00 | 3,795 | 1,135 | 99% | 4,915 | 5.00% | 1,857 | 10% | | 800 | 16% | 26 | |
| 10.00 to < 100.00 | 7,917 | 1,763 | 100% | 9,679 | 13.81% | 1,633 | 11% | | 2,145 | 22% | 148 | |
| 100.00 (Default) | 59 | 1 | 26% | 59 | 100.00% | 410 | 27% | | 62 | 105% | 15 | |
| Sub-total | 25,712 | 9,184 | 99% | 34,762 | 5.15% | 66,770 | 9% | | 4,352 | 13% | 202 | 71 |
| | | | | | | | | | | | | |
| Corporate | | | | | | | | | | | | |
| PD Range | | | | | | | | | | | | |
| 0.00 to < 0.15 | 102 | 401 | 100% | 502 | 0.05% | 413 | 2% | 1.0 | 2 | 0% | # | |
| 0.15 to < 0.25 | 373 | 177 | 100% | 549 | 0.20% | 376 | 6% | 1.0 | 23 | 4% | # | |
| 0.25 to < 0.50 | - | - | - | - | - | - | - | - | - | NA | - | |
| 0.50 to < 0.75 | 563 | 303 | 100% | 867 | 0.50% | 137 | 8% | 1.0 | 82 | 9% | # | |
| 0.75 to < 2.50 | 1,262 | 250 | 100% | 1,512 | 1.55% | 179 | 7% | 1.0 | 197 | 13% | 1 | |
| 2.50 to < 10.00 | 1,000 | 163 | 100% | 1,163 | 5.00% | 85 | 6% | 1.1 | 235 | 20% | 4 | |
| 10.00 to < 100.00 | 1,321 | 345 | 100% | 1,666 | 11.46% | 228 | 13% | 1.0 | 981 | 59% | 25 | |
| 100.00 (Default) | - | # | 100% | # | 100.00% | 1 | 51% | 1.0 | - | 0% | # | |
| Sub-total | 4,621 | 1,639 | 100% | 6,259 | 4.45% | 1,419 | 8% | 1.0 | 1,520 | 24% | 30 | 20 |
| Total (all portfolios) | 100,367 | 28,442 | 72% | 120,953 | 3.27% | 1,260,286 | 14% | | 15,521 | 13% | 629 | 449 |

^{1/} On-balance sheet refers to the amount of the on-balance sheet exposure gross of impairment allowances (before taking into account the effect of CRM)

^{2/} Off-balance sheet refers to the exposure value without taking into account valuation adjustments and impairment allowances, CCFs and the effect of CRM

^{3/} EAD refers to the amount relevant for the capital requirements calculation, after taking into account the effects of CCFs and CRM

^{4/} Refers to the PD and LGD associated with each obligor grade, weighted by EAD

^{5/} Number of obligors refers to the number of accounts, except for Retail Small Business which refers to the number of counterparties

⁶/ Refers to the effective maturity of the exposures to the obligor in years and is not applicable for portfolios under the IRB treatment of Retail asset classes ⁷/ Total RWA divided by the exposures post-CCF and post-CRM

^{8/} Refers to the total eligible provisions attributed to the respective portfolios

Represents amounts of less than \$0.5 million

13.5 Overview of Credit Risk Mitigation Techniques

The table below provides an overview of the Group's usage of Credit Risk Mitigation (CRM) techniques for onbalance sheet exposures to Loans to Customers and Debt Securities, categorised by status followed by form of instrument.

| | | | 31 Dec 2022 | 2 | | |
|---|---------------------|-----------|-----------------------|------------|------------|---------------------------|
| | | (a) | (b) | (c) | (d) | (e) |
| | | | | | Exposures | |
| | | | | Exposures | secured by | Exposures |
| | | Exposures | Exposures | secured by | Financial | secured by Credit |
| | S\$ million | unsecured | secured ^{1/} | Collateral | Guarantees | Derivatives ^{2/} |
| 1 | Loans to customers | 164,036 | 127,993 | 118,266 | 1,883 | - |
| 2 | Debt Securities | 22,801 | 155 | - | 152 | - |
| 3 | Total | 186,837 | 128,148 | 118,266 | 2,035 | - |
| 4 | Of which: Defaulted | 1,081 | 1,050 | 897 | 12 | - |

| | | | 30 Jun 2022 | 2 | | |
|---|---------------------|-----------|-----------------------|------------|------------|---------------------------|
| | | (a) | (b) | (c) | (d) | (e) |
| | | | | | Exposures | |
| | | _ | _ | Exposures | secured by | Exposures |
| | | Exposures | Exposures | secured by | Financial | secured by Credit |
| | S\$ million | unsecured | secured ^{1/} | Collateral | Guarantees | Derivatives ^{2/} |
| | | | | | | |
| 1 | Loans to customers | 164,205 | 130,755 | 119,652 | 3,024 | - |
| 2 | Debt Securities | 25,090 | 134 | - | 132 | - |
| 3 | Total | 189,295 | 130,889 | 119,652 | 3,156 | - |
| 4 | Of which: Defaulted | 1,305 | 1,130 | 989 | 47 | - |

^{1/} Refers to carrying amount of exposures (net of impairment allowances) which have at least one credit risk mitigation mechanism, collateral or financial guarantees associated with them

² Not applicable since the Group does not recognise credit derivatives as a form of CRM instrument for exposures

13.6 Effect on RWA of Credit Derivatives used as CRM

The Group does not recognise credit derivatives as a credit risk mitigant for exposures under F-IRBA or A-IRBA.



14. BACKTESTING OF PD FOR PORTFOLIOS UNDER IRB APPROACH

14.1 Backtesting of PD for Portfolios under Foundation Internal Ratings-Based Approach (F-IRBA)

The following table provides the information used to validate the reliability of PD used in the calculation of capital requirements. It compares the PD under F-IRBA with the average of the annual observed default rate of the Group's obligors.

| | | | | | 31 Dec 2 | 022 | | | | | |
|-------|-------------------|----------------|----------------|-----------------|----------------------|------------------------------------------------------|------------|---------------|-----------------------|---------------------------------------------------------|--------------------------------------------------------|
| (a) | (b) | | (c) | | (d) | (e) | | (f) ber of | (g) | (h) | (i) |
| | | E | xternal Rating | js | | | | gors | | | |
| Sover | reign | S&P | Fitch | Moody's | PD ^{1/} (%) | Arithmetic PD of Obligors ^{2/} (%) | Dec- 21 | Dec- 22 | Defaulted Obligors | Of which: New Defaulted Obligors ^{3/} | Historical Annual Default Rate ^{4/} (%) |
| PD Ra | | | | | | (70) | | | | e a ligere | |
| | 0.00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.00% | 0.01% | 44 | 42 | - | - | - |
| | 0.15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | NA | NA | - | - | - | - | - |
| | 0.25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | NA | NA | - | - | - | - | - |
| | 0.50 to < 0.75 | BB+ | BB+ | Ba1 | NA | NA | - | - | - | - | - |
| | 0.75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.11% | 1.11% | 2 | 2 | - | - | - |
| | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | NA | NA | - | - | - | - | - |
| | 10.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 11.10% | 11.10% | 3 | 10 | - | - | - |
| Total | | | | | 0.01% | 0.73% | 49 | 54 | - | - | - |
| | | | | | | | | | | | |
| Bank | | | | | | | | | | | |
| PD Ra | ange | | | A = = + = | | | | | | | |
| | 0.00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.05% | 0.06% | 262 | 260 | - | - | - |
| | 0.15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | NA | NA | - | - | - | - | - |
| | 0.25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.37% | 0.37% | 25 | 18 | - | - | - |
| | 0.50 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.54% | 21 | 17 | - | - | - |
| | 0.75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.14% | 1.56% | 21 | 20 | - | - | - |
| | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 5.67% | 4.27% | 3 | 1 | - | - | - |
| | 10.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 11.41% | 12.59% | 50 | 48 | 4 | - | 0.80% |
| Total | | | | | 0.12% | 1.86% | 382 | 364 | 4 | - | 0.10% |
| Corpo | orate | | | | | | | | | | |
| PD Ra | | | | | | | | | | | |
| | 0.00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.10% | 0.11% | 973 | 1,087 | - | - | 0.07% |
| | 0.15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | 0.16% | 0.18% | 4 | 1 | - | - | - |
| | 0.25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.37% | 0.37% | 636 | 680 | 1 | - | 0.07% |
| | 0.50 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.54% | 600 | 741 | 3 | - | 0.22% |
| | 0.75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.33% | 1.40% | 897 | 961 | 6 | - | 0.48% |
| | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 4.32% | 4.15% | 400 | 395 | 7 | - | 2.42% |
| | 10.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 12.86% | 11.26% | 451 | 473 | 4 | - | 1.56% |
| Total | | | | | 0.61% | 2.19% | 3,961 | 4,338 | 21 | - | 0.60% |



14.1 Backtesting of PD for Portfolios under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | | | 31 Dec 20 | .022 | | | | | |
|---------------|-------------------|----------------|-----------------------|-----------------|----------------------|------------------------------------------------------|------------|-------------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------------|
| (a) | (b) | E | (c) xternal Rating | js | (d) | (e) | Num | (f) Iber of igors | (g) | (h) | (i) |
| Cor <u>pc</u> | prate IPRE | S&P | Fitch | Moody's | PD ^{1/} (%) | Arithmetic PD of Obligors ^{2/} (%) | Dec- 21 | Dec- 22 | Defaulted Obligors | Of which: New Defaulted Obligors ^{3/} | Historical Annual Defaul Rate ^{4/} (%) |
| PD Ra | inge | | | | | | | | | | |
| | 0.00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.14% | 0.13% | 17 | 14 | - | - | - |
| | 0.15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | NA | NA | - | - | - | - | - |
| | 0.25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.37% | 0.37% | 37 | 30 | - | - | - |
| | 0.50 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.54% | 85 | 96 | - | - | - |
| | 0.75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.41% | 1.47% | 346 | 425 | 2 | - | 0.24% |
| | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 3.65% | 4.18% | 141 | 134 | - | - | 0.31% |
| | 10.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 13.83% | 12.13% | 9 | 13 | - | - | 4.09% |
| Fotal | | | | | 1.21% | 2.00% | 635 | 712 | 2 | - | 0.30% |
| Busine | | | | | | | | | | | |
| PD Ra | 0 | AAA to | AAA to | Aaa to | | | | | | | |
| | 0.00 to < 0.15 | BBB | BBB | Baa2 | 0.11% | 0.11% | 328 | 333 | - | - | 0.07% |
| | 0.15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | 0.16% | 0.16% | 854 | 753 | 1 | - | 0.25% |
| | 0.25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.37% | 0.36% | 293 | 331 | - | - | 0.11% |
| | 0.50 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.52% | 509 | 533 | - | - | 0.37% |
| | 0.75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.45% | 1.44% | 1,203 | 1,335 | 6 | - | 0.46% |
| | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 4.11% | 4.18% | 747 | 867 | 12 | - | 1.52% |
| | 10.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 12.96% | 21.37% | 463 | 566 | 10 | - | 3.44% |
| Total | | | | | 2.43% | 3.53% | 4.397 | 4.718 | 29 | - | 0.82% |

14.1 Backtesting of PD for Portfolios under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | | | 31 Dec | ; 2021 | | | | | |
|------------------|------------------|----------------|-----------------------|-----------------|----------------------|------------------------------------------------------|------------|------------------------|-----------------------|---------------------------------------------------------|--------------------------------------------------------|
| (a) | (b) | E | (c) xternal Rating | js | (d) | (e) | Num | (f) ber of igors | (g) | (h) | (i) |
| Sover | aian | S&P | Fitch | Moody's | PD ^{1/} (%) | Arithmetic PD of Obligors ^{2/} (%) | Dec- 20 | Dec- 21 | Defaulted Obligors | Of which: New Defaulted Obligors ^{3/} | Historical Annual Default Rate ^{4/} (%) |
| Sovere PD Rai | | | | | | (70) | | | | Obligois | |
| |).00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.00% | 0.01% | 44 | 44 | - | - | - |
| 0 |).15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | NA | NA | - | - | - | - | - |
| | 0.25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | NA | NA | - | - | - | - | - |
| |).50 to < 0.75 | BB+ | BB+ | Ba1 | NA | NA | - | - | - | - | - |
| |).75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.11% | 1.11% | 2 | 2 | - | - | - |
| _2 | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 6.42% | 6.42% | 2 | - | - | - | - |
| 1 | 0.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | NA | 11.10% | 1 | 3 | - | - | - |
| Total | | | | | 0.01% | 0.55% | 49 | 49 | - | - | - |
| Bank PD Rai | nae | | | | | | | | | | |
| |).00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.05% | 0.06% | 268 | 262 | - | - | - |
| 0 |).15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | NA | NA | - | - | - | - | - |
| | 0.25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.37% | 0.37% | 23 | 25 | - | - | - |
| |).50 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.54% | 26 | 21 | - | - | - |
| |).75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.80% | 1.46% | 18 | 21 | - | - | - |
| _2 | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 6.40% | 5.45% | 20 | 3 | - | - | - |
| 1 | 0.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 12.05% | 12.13% | 45 | 50 | - | - | |
| Total | | | | | 0.14% | 1.80% | 400 | 382 | - | - | - |
| Corpo | rate | | | | | | | | | | |
| PD Ra | nge | | | | | | | | | | |
| 0 | 0.00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.10% | 0.11% | 811 | 973 | - | - | 0.08% |
| 0 |).15 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | 0.18% | 0.17% | 5 | 4 | - | - | - |
| |).25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.37% | 0.37% | 552 | 636 | 1 | 1 | 0.07% |
| |).50 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.54% | 555 | 600 | - | - | 0.19% |
| 0 |).75 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.44% | 1.44% | 1,069 | 897 | 1 | - | 0.46% |
| _2 | 2.50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 4.40% | 4.09% | 490 | 400 | 8 | - | 2.49% |
| 1 | 0.00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 13.84% | 11.33% | 369 | 451 | 1 | - | 1.64% |
| Total | | | | | 0.72% | 2.16% | 3,851 | 3,961 | 11 | 1 | 0.60% |

14.1 Backtesting of PD for Portfolios under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | | | 31 Dec 2 | 021 | | | | | |
|--------------------|-----------------|----------------|------------------------|-----------------|----------------------|------------------------------------------------------|------------|----------------------|-----------------------|---------------------------------------------------------|-------------------------------------------------------|
| (a) | (b) | E | (c) External Rating | js | (d) | (e) | | f) ber of gors | (g) | (h) | (i) |
| Corpora | te IPRE | S&P | Fitch | Moody's | PD ^{1/} (%) | Arithmetic PD of Obligors ^{2/} (%) | Dec- 20 | Dec- 21 | Defaulted Obligors | Of which: New Defaulted Obligors ^{3/} | Historical Annual Defaul Rate ^{4/} (%) |
| PD Rang | je | | | | | | | | | | |
| 0.0 | 00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.14% | 0.13% | 12 | 17 | - | - | - |
| 0.1 | 5 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | NA | NA | - | - | - | - | - |
| 0.2 | 25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.37% | 0.37% | 34 | 37 | - | - | - |
| 0.5 | 60 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.54% | 82 | 85 | - | - | - |
| 0.7 | ′5 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.34% | 1.43% | 291 | 346 | 1 | - | 0.19% |
| 2.5 | 50 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 3.96% | 4.53% | 136 | 141 | 1 | - | 0.36% |
| 10. | .00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 11.10% | 11.10% | 13 | 9 | 1 | - | 4.77% |
| Total | | | | | 1.18% | 2.17% | 568 | 635 | 3 | - | 0.30% |
| Corpora Busines | te Small s | | | | | | | | | | |
| PD Rang | je | | | | | | | | | | |
| 0.0 | 00 to < 0.15 | AAA to BBB | AAA to BBB | Aaa to Baa2 | 0.12% | 0.11% | 318 | 328 | 1 | - | 0.08% |
| 0.1 | 5 to < 0.25 | BBB to BBB- | BBB to BBB- | Baa2 to Baa3 | 0.16% | 0.17% | 819 | 854 | 12 | - | 0.28% |
| 0.2 | 25 to < 0.50 | BBB- to BB+ | BBB- to BB+ | Baa3 to Ba1 | 0.36% | 0.36% | 272 | 293 | - | - | 0.08% |
| 0.5 | i0 to < 0.75 | BB+ | BB+ | Ba1 | 0.54% | 0.52% | 492 | 509 | 12 | - | 0.42% |
| 0.7 | ′5 to < 2.50 | BB+ to B+ | BB+ to B+ | Ba1 to B1 | 1.44% | 1.46% | 1,236 | 1,203 | 13 | - | 0.46% |
| 2.5 | 60 to < 10.00 | B+ to B- | B+ to B- | B1 to B3 | 4.40% | 4.42% | 820 | 747 | 28 | - | 1.51% |
| 10. | .00 to < 100.00 | B- to C- | B- to C- | B3 to C3 | 13.29% | 24.41% | 495 | 463 | 40 | - | 3.62% |
| | | | | | | | | | | | |

 ^{1/} Refers to PD associated with each obligor grade, weighted by EAD
 ^{2/} Arithmetic mean of PDs by the number of obligors within the PD range
 ^{3/} New defaulted obligors refer to the number of obligors that defaulted during the last 12-month period that were not funded at the end of the previous annual reporting period ^{4/} Refers to the average of the annual observed default rate (ODR) over a minimum of the last five years

14.2 Backtesting of PD for Portfolios under Advanced Internal Ratings-Based Approach (A-IRBA)

The following table provides the information used to validate the reliability of PD used in the calculation of capital requirements. It compares the PD under A-IRBA with the average of the annual observed default rate of the Group's obligors.

| | | | | | 3 | 1 Dec 2022 | | | | | |
|------------|--------------------------------------------------------------|------|----------|---------------------|----------------------------------|------------------------------------------------------|----------------------------------------|----------------------------------------|-------------------------|---------------------------------------------------------|--------------------------------------------------------|
| (a) | (b) | | (c) | | (d) | (e) | (| f) | (g) | (h) | (i) |
| | | Exte | ernal Ra | tings ^{1/} | | | Number o | of Obligors | | | |
| Residen | tial Mortgage | S&P | Fitch | Moody's | PD ^{2/} (%) | Arithmetic PD of Obligors ^{3/} (%) | Dec-21 | Dec-22 | Defaulted Obligors | Of which: New Defaulted Obligors ^{4/} | Historical Annual Default Rate ^{5/} (%) |
| PD Rand | 0 0 | | | | | (70) | | | | Obliguis | |
| |)0 to < 0.15 | | | | 0.10% | 0.09% | 13,300 | 13,513 | 19 | - | 0.09% |
| | 5 to < 0.25 | | | | 0.16% | 0.16% | 45,111 | 36,402 | 58 | - | 0.12% |
| | 25 to < 0.50 | | | | 0.25% | 0.25% | 44,071 | 37,213 | 129 | - | 0.29% |
| | 50 to < 0.75 | | | | 0.50% | 0.50% | 50,601 | 49,445 | 240 | - | 0.47% |
| | 75 to < 2.50 | | | | 1.11% | 1.19% | 33,625 | 43,482 | 256 | - | 0.88% |
| | 50 to < 10.00 | | | | 3.60% | 4.17% | 7,549 | 7,532 | 175 | 4 | 2.48% |
| 10. | .00 to < 100.00 | | | | 21.83% | 23.61% | 5,434 | 7,438 | 691 | 3 | 19.91% |
| Total | | | | | 0.75% | 1.22% | 199,691 | 195,025 | 1,568 | 7 | 1.20% |
| 0.1 0.2 | 00 to < 0.15 15 to < 0.25 25 to < 0.50 50 to < 0.75 | | | | 0.06% 0.15% 0.31% 0.51% | 0.07% 0.15% 0.30% 0.51% | 543,914 171,325 24,000 93,018 | 535,548 170,774 23,154 95,058 | 280 224 47 384 | 8 1 - 17 | 0.07% 0.13% 0.28% 0.53% |
| | ′5 to < 2.50 | | | | 1.42% | 1.36% | 58,723 | 55,421 | 666 | 33 | 1.22% |
| | 50 to < 10.00 | | | | 4.67% | 4.80% | 47,219 | 48,999 | 1,248 | 57 | 3.94% |
| - | .00 to < 100.00 | | | | 21.30% | 21.73% | 20,373 | 14,172 | 1,909 | 11 | 17.30% |
| Total | | | | | 1.09% | 0.90% | 958,572 | 943,126 | 4,758 | 127 | 0.88% |
| PD Rang | mall Business | | | | | | | | | | |
| - |)0 to < 0.15 | | | | 0.10% | 0.10% | 4,642 | 4,111 | 6 | - | 0.11% |
| | 5 to < 0.25 | | | | 0.17% | 0.18% | 10,596 | 9,463 | 25 | - | 0.30% |
| | 25 to < 0.50 | | | | 0.35% | 0.35% | 1,494 | 1,989 | 21 | - | 0.55% |
| 0.5 | 50 to < 0.75 | | | | 0.50% | 0.50% | 4,397 | 4,407 | 32 | - | 0.60% |
| 0.7 | ′5 to < 2.50 | | | | 1.20% | 1.28% | 7,797 | 7,794 | 81 | 3 | 1.06% |
| 2.5 | 50 to < 10.00 | | | | 4.54% | 4.75% | 4,855 | 5,389 | 134 | 3 | 3.04% |
| 10. | .00 to < 100.00 | | | | 26.21% | 26.73% | 2,289 | 3,223 | 250 | - | 18.00% |
| Total | | | | | 2.21% | 2.83% | 36,070 | 36,376 | 549 | 6 | 2.47% |

14.2 Backtesting of PD for Portfolios under Advanced Internal Ratings-Based Approach (A-IRBA) (continued)

| | | | | | | 31 Dec 2022 | | | | | |
|-------|------------------|-----|-----------|----------------------|----------------------|------------------------------------------------------|--------|-------------|-----------------------|---------------------------------------------------------|--------------------------------------------------------|
| (a) | (b) | | (c) | | (d) | (e) | | (f) | (g) | (h) | (i) |
| | | Ex | ternal Ra | atings ^{1/} | | | Number | of Obligors | | | |
| Other | Retail | S&P | Fitch | Moody's | PD ^{2/} (%) | Arithmetic PD of Obligors ^{3/} (%) | Dec-21 | Dec-22 | Defaulted Obligors | Of which: New Defaulted Obligors ^{4/} | Historical Annual Default Rate ^{5/} (%) |
| PD Ra | nge | | | | | | | | | | |
| C |).00 to < 0.15 | | | | 0.05% | 0.09% | 14,365 | 13,292 | 8 | 1 | 0.12% |
| C |).15 to < 0.25 | | | | 0.19% | 0.17% | 33,236 | 34,164 | 50 | 1 | 0.12% |
| C |).25 to < 0.50 | | | | 0.30% | 0.28% | 3,223 | 3,701 | 5 | 1 | 0.17% |
| C |).50 to < 0.75 | | | | 0.50% | 0.50% | 7,495 | 7,037 | 24 | 1 | 0.39% |
| C |).75 to < 2.50 | | | | 1.50% | 1.33% | 5,306 | 4,855 | 22 | 1 | 0.53% |
| 2 | 2.50 to < 10.00 | | | | 5.00% | 5.10% | 1,602 | 1,734 | 34 | - | 1.78% |
| 1 | 0.00 to < 100.00 | | | | 12.99% | 13.55% | 1,455 | 1,408 | 51 | - | 9.05% |
| Total | | | | | 4.61% | 0.70% | 66,682 | 66,191 | 194 | 5 | 0.46% |
| Corpo | rate | | | | | | | | | | |
| PD Ra | nge | | | | | | | | | | |
| C |).00 to < 0.15 | | | | 0.05% | 0.05% | 402 | 451 | - | - | - |
| C |).15 to < 0.25 | | | | 0.20% | 0.20% | 418 | 383 | - | - | - |
| C |).25 to < 0.50 | | | | NA | NA | - | - | - | - | - |
| C |).50 to < 0.75 | | | | 0.50% | 0.50% | 160 | 130 | - | - | - |
| C |).75 to < 2.50 | | | | 1.48% | 1.42% | 227 | 185 | - | - | - |
| 2 | 2.50 to < 10.00 | | | | 5.00% | 5.00% | 68 | 83 | - | - | - |
| 1 | 0.00 to < 100.00 | | | | 11.98% | 11.10% | 209 | 216 | - | - | 0.10% |
| Total | | | | | 4.14% | 2.13% | 1,484 | 1,448 | - | - | 0.01% |

14.2 Backtesting of PD for Portfolios under Advanced Internal Ratings-Based Approach (A-IRBA) (continued)

| | | | - | | | 31 Dec 2021 | | | | | |
|-----------|---------------------|-----|-------|-----------------------|----------------------|---------------------------------------------------|-----------|---------|-----------------------|---------------------------------------------------------|--------------------------------------------------------|
| (a) | (b) | | (c) |) | (d) | (e) | (f) |) | (g) | (h) | (i) |
| | | Ext | | Ratings ^{1/} | - | - | Number of | | | | - |
| Residen | ntial Mortgage | S&P | Fitch | Moody's | PD ^{2/} (%) | Arithmetic PD of Obligors ^{3/} (%) | Dec-20 | Dec-21 | Defaulted Obligors | Of which: New Defaulted Obligors ^{4/} | Historical Annual Default Rate ^{5/} (%) |
| PD Rang | | | | | | | | | | Congoie | |
| | 00 to < 0.15 | | | | 0.09% | 0.08% | 14,176 | 13,300 | 29 | - | 0.08% |
| 0.1 | 15 to < 0.25 | | | | 0.16% | 0.16% | 44,278 | 45,111 | 154 | - | 0.12% |
| 0.2 | 25 to < 0.50 | | | | 0.25% | 0.25% | 44,350 | 44,071 | 430 | 1 | 0.29% |
| 0.5 | 50 to < 0.75 | | | | 0.50% | 0.50% | 51,702 | 50,601 | 800 | 5 | 0.47% |
| 0.7 | 75 to < 2.50 | | | | 1.13% | 1.16% | 36,209 | 33,625 | 763 | 1 | 0.89% |
| 2.5 | 50 to < 10.00 | | | | 3.80% | 4.22% | 8,640 | 7,549 | 483 | 7 | 2.51% |
| 10. | .00 to < 100.00 | | | | 24.62% | 24.92% | 7,268 | 5,434 | 2,352 | | 20.71% |
| Total | | | | | 0.96% | 1.48% | 206,623 | 199,691 | 5,011 | 14 | 1.25% |
| | | | _ | | | | | | | | |
| Qualifyiı | ng Revolving Retail | | | | | | | | | | |
| PD Rang | | | | | | | | | | | |
| 0.0 | 00 to < 0.15 | | | | 0.06% | 0.06% | 544,394 | 543,914 | 419 | 3 | 0.08% |
| 0.1 | 15 to < 0.25 | | | | 0.16% | 0.15% | 144,518 | 171,325 | 105 | 2 | 0.13% |
| 0.2 | 25 to < 0.50 | | | | 0.29% | 0.29% | 74,197 | 24,000 | 178 | - | 0.29% |
| 0.5 | 50 to < 0.75 | | | | 0.57% | 0.57% | 99,359 | 93,018 | 357 | 7 | 0.55% |
| 0.7 | 75 to < 2.50 | | | | 1.44% | 1.40% | 79,243 | 58,723 | 771 | 23 | 1.24% |
| 2.5 | 50 to < 10.00 | | | | 5.00% | 5.00% | 58,266 | 47,219 | 1,599 | 33 | 4.10% |
| 10. | .00 to < 100.00 | | | | 23.32% | 25.37% | 21,127 | 20,373 | 2,131 | 8 | 18.19% |
| Total | | | | | 1.14% | 1.05% | 1,021,104 | 958,572 | 5,560 | 76 | 0.92% |
| | | | | | | | | | | | |
| Retail Sr | mall Business | | | | | | | | | | |
| PD Rang | | | | | | | | | | | |
| 0.0 | 00 to < 0.15 | | | | 0.10% | 0.10% | 5,663 | 4,642 | 26 | - | 0.11% |
| 0.1 | 15 to < 0.25 | | | | 0.17% | 0.18% | 10,133 | 10,596 | 64 | - | 0.31% |
| 0.2 | 25 to < 0.50 | | | | 0.35% | 0.35% | 1,102 | 1,494 | 11 | - | 0.46% |
| 0.5 | 50 to < 0.75 | | | | 0.50% | 0.50% | 4,826 | 4,397 | 145 | 3 | 0.59% |
| 0.7 | 75 to < 2.50 | | | | 1.19% | 1.28% | 7,926 | 7,797 | 216 | 2 | 1.06% |
| 2.5 | 50 to < 10.00 | | | | 4.61% | 4.88% | 5,626 | 4,855 | 317 | 1 | 3.08% |
| 10. | .00 to < 100.00 | | | | 33.16% | 29.10% | 2,750 | 2,289 | 631 | - | 18.79% |
| Total | | - | | | 3.06% | 3.23% | 38,026 | 36,070 | 1,410 | 6 | 2.58% |

14.2 Backtesting of PD for Portfolios under Advanced Internal Ratings-Based Approach (A-IRBA) (continued)

| | | | | | | 31 Dec 2021 | | | | | |
|---------------------|--------------------------------|-----|-----------|---------------------|----------------------|------------------------------------------------------|------------|-------------|-----------------------|----------------------------------------------|--------------------------------------------------------|
| (a) | (b) | | (c) | | (d) | (e) | | (f) | (g) | (h) | (i) |
| | | Ex | ternal Ra | tings ^{1/} | | | Number | of Obligors | | | |
| Other Re | tail | S&P | Fitch | Moody's | PD ^{2/} (%) | Arithmetic PD of Obligors ^{3/} (%) | Dec-20 | Dec-21 | Defaulted Obligors | Of which: New Defaulted Obligors 4/ | Historical Annual Default Rate ^{5/} (%) |
| PD Rang | e | | | | | | | | | | |
| 0.0 | 0 to < 0.15 | | | | 0.05% | 0.09% | 16,411 | 14,365 | 11 | 1 | 0.12% |
| 0.1 | 5 to < 0.25 | | | | 0.19% | 0.17% | 33,085 | 33,236 | 26 | 3 | 0.12% |
| 0.2 | 5 to < 0.50 | | | | 0.30% | 0.28% | 3,776 | 3,223 | 7 | - | 0.18% |
| 0.50 | 0 to < 0.75 | | | | 0.50% | 0.51% | 7,777 | 7,495 | 33 | 2 | 0.40% |
| 0.7 | 5 to < 2.50 | | | | 1.48% | 1.32% | 5,130 | 5,306 | 33 | 3 | 0.55% |
| 2.50 | 0 to < 10.00 | | | | 4.99% | 5.10% | 1,724 | 1,602 | 51 | - | 1.74% |
| 10.0 | 00 to < 100.00 | | | | 14.04% | 15.55% | 1,553 | 1,455 | 136 | - | 9.66% |
| Total | | | | | 4.26% | 0.75% | 69,456 | 66,682 | 297 | 9 | 0.48% |
| Corporat PD Rang | | | | | | | | | | | |
| 0.0 | 0 to < 0.15 | | | | 0.05% | 0.05% | 396 | 402 | - | - | - |
| 0.1 | 5 to < 0.25 | | | | 0.20% | 0.20% | 399 | 418 | - | - | - |
| | E to . 0 E0 | | | | N 1 A | NA | - | - | - | - | - |
| 0.2 | 5 to < 0.50 | | | | NA | 114 | | | | | |
| | 0 to < 0.50 0 to < 0.75 | | | | NA 0.50% | 0.50% | 172 | 160 | - | - | - |
| 0.50 | | | | | | | 172 204 | 160 227 | - | - | - |

10.00 to < 100.00

Total

^{1/} Not applicable for A-IRBA Retail and Corporate asset classes ^{2/} Refers to PD associated with each obligor grade, weighted by EAD

^{3/} Arithmetic mean of PDs by the number of obligors within the PD range

^{4/} New defaulted obligors refer to the number of obligors that defaulted during the last 12-month period that were not funded at the end of the previous annual reporting period ^{5/} Refers to the average of the annual observed default rate (ODR) over a minimum of the last five years

11.05%

2.32%

229

1,485

209

1,484

-

-

11.84%

4.94%

0.13%

0.02%

15. SPECIALISED LENDING UNDER SUPERVISORY SLOTTING CRITERIA

Exposures treated under the Supervisory Slotting Criteria include loans to customers for Project Financing (PF), Object Financing (OF) and Commodity Financing (CF). Income Producing Real Estate (IPRE) exposures are reported under F-IRBA.

| | | | 31 Dec 20 | 022 | | | | | | |
|---------------------------|---------------------------------|---------------------------------------|----------------------------------------|-----------------------|-------|----|-------|-------|-------|--------------------|
| Specialised (S\$ million) | Lending Portfolio | | | | | EA | ND 3/ | | | |
| Regulatory Categories | Remaining Maturities | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Risk Weight (%) | PF | OF | CF | Total | RWA | Expected Losses |
| Chao a a | Less than 2.5 years | - | - | 50% | - | - | - | - | - | - |
| Strong | Equal to or more than 2.5 years | - | - | 70% | - | - | - | - | - | - |
| Caad | Less than 2.5 years | - | - | 70% | - | - | - | - | - | - |
| Good | Equal to or more than 2.5 years | - | - | 90% | - | - | - | - | - | - |
| Satisfactory | | 2,145 | 1,708 | 115% | 2,758 | 5 | 43 | 2,807 | 3,422 | 79 |
| Weak | | 174 | 23 | 250% | 192 | - | - | 192 | 508 | 15 |
| Default | | 209 | 8 | - | 428 | 74 | 3 | 505 | - | 252 |
| Total | | 2,528 | 1,739 | | 3,378 | 79 | 46 | 3,504 | 3,930 | 346 |

| | | | 30 Jun 202 | 22 | | | | | | |
|--------------------------------|---------------------------------|---------------------------------------|----------------------------------------|-----------------------|-------|----|-------|-------|-------|--------------------|
| Specialised I (S\$ million) | _ending Portfolio | | | | | EA | ND 3/ | | | |
| Regulatory Categories | Remaining Maturities | On- Balance Sheet ^{1/} | Off- Balance Sheet ^{2/} | Risk Weight (%) | PF | OF | CF | Total | RWA | Expected Losses |
| Strong | Less than 2.5 years | - | - | 50% | - | - | - | - | - | - |
| Strong | Equal to or more than 2.5 years | - | - | 70% | - | - | - | - | - | - |
| Coord | Less than 2.5 years | - | - | 70% | - | - | - | - | - | - |
| Good | Equal to or more than 2.5 years | - | - | 90% | - | - | - | - | - | - |
| Satisfactory | | 1,847 | 1,780 | 115% | 2,309 | 7 | 134 | 2,450 | 2,988 | 69 |
| Weak | | 175 | 20 | 250% | 190 | - | - | 190 | 503 | 15 |
| Default | | 225 | 9 | - | 406 | 77 | 3 | 486 | - | 243 |
| Total | | 2,247 | 1,809 | | 2,905 | 84 | 137 | 3,126 | 3,491 | 327 |

^{1/} On-balance sheet refers to the amount of the on-balance sheet exposure net of impairment allowances and write-offs (after taking into account the effect of CRM)

^{2/} Off-balance sheet refers to the exposure value without taking into account the effects of CCFs and CRM

³⁷ EAD refers to the amount relevant for capital requirements calculated by taking into account the effects of CCFs and CRM

16. COUNTERPARTY CREDIT RISK

16.1 Counterparty Credit Risk Exposures by Approach

Counterparty credit risk (CCR) is the risk of a counterparty defaulting before the final settlement of the transaction, which generally represents uncertain exposures that can vary over time with the movement of underlying market factors such as those in over-the-counter (OTC) derivatives.

The Group currently treats CCR under Standardised Approach. The table below provides an overview of the CCR for OTC derivatives and Securities Financing Transactions (SFTs).

| | | | 31 Dec | 2022 | | | | |
|---|-------------------------------------------------------------------|---------------------|---------------------------------|------------------|-----------------------------------------------------------------|----------------------------------------------|-------------------|-------|
| | | (a) | (b) | (c) | (d) | (d.1) | (e) | (f) |
| | Counterparty Credit Risk Exposure by Approach (S\$ million) | Replacement Cost | Potential Future Exposure | Effective EPE | Fixed Beta factor, β used for computing regulatory EAD | α used for computing regulatory EAD | EAD ^{1/} | RWA |
| 1 | SA-CCR (For derivatives) | 1,673 | 4,431 | | 1.4 | | 8,546 | 2,767 |
| 2 | CCR Internal models method (For derivatives and SFTs) | | | - | | | - | - |
| 3 | FC(SA) for SFTs | | | | | | - | - |
| 4 | FC(CA) for SFTs | | | | | | 10,586 | 465 |
| 5 | VaR for SFTs | | | | | | - | - |
| 6 | Total | | | | | | | 3,232 |

| | | | 30 Jun 2 | 2022 | | | | |
|---|-------------------------------------------------------------------|---------------------|---------------------------------|------------------|-----------------------------------------------------------------|----------------------------------------------|-------------------|-------|
| | | (a) | (b) | (c) | (d) | (d.1) | (e) | (f) |
| | Counterparty Credit Risk Exposure by Approach (S\$ million) | Replacement Cost | Potential Future Exposure | Effective EPE | Fixed Beta factor, β used for computing regulatory EAD | α used for computing regulatory EAD | EAD ^{1/} | RWA |
| 1 | SA-CCR (For derivatives) | 2,033 | 5,327 | | 1.4 | | 10,304 | 2,985 |
| 2 | CCR Internal models method (For derivatives and SFTs) | | | - | | | - | - |
| 3 | FC(SA) for SFTs | | | | | | - | - |
| 4 | FC(CA) for SFTs | | | | | | 8,199 | 207 |
| 5 | VaR for SFTs | | | | | | - | - |
| 6 | Total | | | | | | | 3,192 |

^{1/} EAD refers to the amount relevant for capital requirements calculation, after taking into account the effects of CRM



16.2 CVA Risk Capital Charge

The Credit Valuation Adjustment (CVA) is made to the mark-to-market valuation of OTC derivatives as calculated under the Standardised approach for the Group.

| | 31 Dec 2022 | | |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|
| | | (a) | (b) |
| | S\$ million | EAD 1/ | RWA |
| | Credit Valuation Adjustments (CVA) Risk Capital Requirements | | |
| | Total portfolios subject to Advanced CVA capital requirement | - | - |
| 1 2 | (i) VaR component (including the three-times multiplier)(ii) Stressed VaR component (including the three-times multiplier) | | - |
| 3 | All portfolios subject to Standardised CVA capital requirement | 9,408 | 2,598 |
| 4 | Total portfolios subject to the CVA risk capital requirement | 9,408 | 2,598 |
| | 30 Jun 2022 | | |
| | 30 Jun 2022 | | |
| | | (a) | (b) |
| | S\$ million | EAD 1/ | RWA |
| | Credit Valuation Adjustments (CVA) Risk Capital Requirements | | |
| | Total portfolios subject to Advanced CVA capital requirement | - | - |
| 1 2 | (i) VaR component (including the three-times multiplier)(ii) Stressed VaR component (including the three-times multiplier) | | - |
| 3 | All portfolios subject to Standardised CVA capital requirement | 10,919 | 3,509 |
| 4 | Total portfolios subject to the CVA risk capital requirement | 10,919 | 3,509 |

^{1/} EAD refers to the amount relevant for capital requirements calculation, after taking into account the effects of CRM

16.3 Exposures to Central Counterparties

The table below provides an overview of the Group's exposures to Central Clearing Counterparties (CCPs), including all types of exposures due to operations, margins, contributions to default funds and related capital requirements.

| | 31 Dec 2022 | | |
|----|--------------------------------------------------------|--------|-------|
| | | (a) | (b) |
| | S\$ million | EAD | RWA |
| 1 | Total exposures to qualifying CCPs | | 1,980 |
| 2 | Exposures to qualifying CCPs | 20,187 | 1,715 |
| 3 | arising from: OTC derivative transactions; | 20,180 | 1,713 |
| 4 | arising from: Exchange-traded derivative transactions; | 7 | 2 |
| 5 | arising from: SFTs; and | - | - |
| 6 | arising from: Netting sets ^{1/} | - | - |
| 7 | Segregated collateral ^{2/} | - | |
| 8 | Non-segregated collateral | 901 | 261 |
| 9 | Pre-funded default fund contributions | 19 | 4 |
| 10 | Unfunded default fund contributions | - | - |
| 11 | Total exposures to non-qualifying CCPs | | 22 |
| 12 | Exposures to non-qualifying CCPs | - | - |
| 13 | arising from: OTC derivative transactions; | - | - |
| 14 | arising from: Exchange-traded derivative transactions; | - | - |
| 15 | arising from: SFTs; and | - | - |
| 16 | arising from: Netting sets 1/ | - | - |
| 17 | Segregated collateral ^{2/} | - | |
| 18 | Non-segregated collateral | 22 | 22 |
| 19 | Pre-funded default fund contributions | - | - |
| 20 | Unfunded default fund contributions | - | - |



16.3 Exposures to Central Counterparties (continued)

| | 30 Jun 2022 | | |
|----|--------------------------------------------------------|--------|-------|
| | | (a) | (b) |
| | S\$ million | EAD | RWA |
| 1 | Total exposures to qualifying CCPs | | 1,394 |
| 2 | Exposures to qualifying CCPs | 16,424 | 1,170 |
| 3 | arising from: OTC derivative transactions; | 16,401 | 1,165 |
| 4 | arising from: Exchange-traded derivative transactions; | 23 | 5 |
| 5 | arising from: SFTs; and | - | - |
| 6 | arising from: Netting sets 1/ | - | - |
| 7 | Segregated collateral 2/ | - | |
| 8 | Non-segregated collateral | 1,002 | 222 |
| 9 | Pre-funded default fund contributions | 13 | 2 |
| 10 | Unfunded default fund contributions | - | - |
| 11 | Total exposures to non-qualifying CCPs | | 22 |
| 12 | Exposures to non-qualifying CCPs | 21 | 21 |
| 13 | arising from: OTC derivative transactions; | - | - |
| 14 | arising from: Exchange-traded derivative transactions; | 21 | 21 |
| 15 | arising from: SFTs; and | - | - |
| 16 | arising from: Netting sets 1/ | - | - |
| 17 | Segregated collateral ^{2/} | - | |
| 18 | Non-segregated collateral | 1 | 1 |
| 19 | Pre-funded default fund contributions | - | - |
| 20 | Unfunded default fund contributions | - | - |

^{1/} Refers to netting assets where cross-product netting has been approved

 $^{\ensuremath{\text{2}}\xspace}$ Refers to collateral which is held in a bankruptcy remote manner

16.4 Counterparty Credit Risk Exposures under Standardised Approach by Risk Weight

The table below represents the risk weights used in the calculation of capital for the Group's portfolio, which are subjected to the CCR requirements under the Standardised Approach by asset classes.

| | | | | 31 Dec 2 | 2022 | | | | |
|----------------------|-------|-----|-----|----------|-------|-------|------|--------|--------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) |
| | | | | Risk We | eight | | | | Total EAD 1/ |
| S\$ million | 0% | 10% | 20% | 50% | 75% | 100% | 150% | Others | |
| Asset Class | | | | | | | | | |
| Sovereign | 3,185 | - | - | - | - | - | - | - | 3,185 |
| PSE | - | - | - | - | - | - | - | - | - |
| MDB | - | - | - | - | - | - | - | - | - |
| Bank | - | - | 441 | - | - | - | - | - | 441 |
| Corporate | - | - | 2 | 9 | - | 908 | - | - | 919 |
| Regulatory Retail | - | - | - | - | - | - | - | - | - |
| Others ^{2/} | - | - | - | - | - | 190 | - | - | 190 |
| Total | 3,185 | - | 443 | 9 | - | 1,098 | - | - | 4,735 |

| | | | | 30 Jun 20 | 22 | | | | |
|----------------------|-------|-----|-----|-----------|-------|------|------|--------|--------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) |
| | | | | Risk W | eight | | | | Total EAD 1/ |
| S\$ million | 0% | 10% | 20% | 50% | 75% | 100% | 150% | Others | |
| Asset Class | | | | | | | | | |
| Sovereign | 1,313 | - | - | - | - | - | - | - | 1,313 |
| PSE | - | - | - | - | - | - | - | - | - |
| MDB | - | - | - | - | - | - | - | - | - |
| Bank | - | - | 38 | - | - | - | - | - | 38 |
| Corporate | - | - | 1 | 11 | - | 485 | - | - | 497 |
| Regulatory Retail | - | - | - | - | - | - | - | - | - |
| Others ^{2/} | - | - | - | - | - | 255 | - | - | 255 |
| Total | 1,313 | - | 39 | 11 | - | 740 | - | - | 2,103 |

^{1/} EAD refers to the amount relevant for capital requirement calculation, after taking into account the effects of CRM

 $^{\mbox{\tiny 2/}}$ Includes other exposures not included in the above asset classes

16.5 Counterparty Credit Risk Exposures under Foundation Internal Ratings-Based Approach (F-IRBA)

The table below represents the parameters used in the calculation of capital for the Group's portfolio, which are subjected to the CCR requirements under the F-IRBA by asset classes.

| | | 3 | 1 Dec 2022 | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| Sovereign | EAD ^{1/} (S\$ million) | Average PD ^{2/} (%) | Number of Obligors ^{3/} | Average LGD ^{2/} (%) | Average Maturity 4/ (In years) | RWA (S\$ million) | RWA Density ^{5/} (%) |
| PD Range | | | | | | | |
| 0.00 to < 0.15 | 3,612 | 0.00% | 5 | 37% | 0.3 | # | 0% |
| 0.15 to < 0.25 | - | - | - | - | - | - | NA |
| 0.25 to < 0.50 | - | - | - | - | - | - | NA |
| 0.50 to < 0.75 | _ | - | _ | _ | _ | - | NA |
| 0.75 to < 2.50 | _ | _ | _ | _ | _ | _ | NA |
| | - | - | - | - | - | - | |
| 2.50 to < 10.00 | - | - | - | - | - | - | NA |
| 10.00 to < 100.00 | - | - | - | - | - | - | NA |
| 100.00 (Default) | - | - | - | - | - | - | NA |
| Sub-total | 3,612 | 0.00% | 5 | 37% | 0.3 | - | 0% |
| PD Range 0.00 to < 0.15 0.15 to < 0.25 0.25 to < 0.50 0.50 to < 0.75 0.75 to < 2.50 2.50 to < 10.00 10.00 to < 100.00 100.00 (Default) Sub-total | 5,875 - 492 23 1 - - - - 6,391 | 0.05% - 0.37% 0.54% 1.11% - - - - - - - - - - - - - - - - 0.08% | 137 - 8 10 1 - - - - 1 56 | 29% - 5% 45% - - - 2 7% | 0.7 - 0.2 0.5 0.1 - - - - - 0.7 | 595 - 26 15 # - - - - 636 | 10% NA 5% 64% 69% NA NA NA |
| Corporate PD Range | | | | | | | |
| 0.00 to < 0.15 | 2,058 | 0.09% | 182 | 34% | 1.3 | 374 | 18% |
| 0.15 to < 0.25 | - | - | - | - | - | - | NA |
| 0.25 to < 0.50 | 745 | 0.37% | 92 | 30% | 0.8 | 288 | 39% |
| 0.50 to < 0.75 | 57 | 0.54% | 77 | 45% | 1.0 | 33 | 59% |
| 0.75 to < 2.50 | 150 | 1.21% | 102 | 45% | 1.3 | 131 | 88% |
| 2.50 to < 10.00 | 75 | 3.26% | 31 | 45% | 1.9 | 99 | 131% |
| 10.00 to < 100.00 | 4 | 11.10% | 36 | 15% | 0.4 | 2 | 66% |
| 100.00 (Default) | - | - | | - | - | • | NA |
| Sub-total | 3,089 | 0.31% | 520 | 34% | 1.2 | 927 | 30% |

16.5 Counterparty Credit Risk Exposures under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | 31 Dec 2022 | | | | |
|--------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------|-------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| Corporate (IPRE) | EAD ^{1/} (S\$ million) | Average PD ^{2/} (%) | Number of Obligors ^{3/} | Average LGD ^{2/} (%) | Average Maturity ^{4/} (In years) | RWA (S\$ million) | RWA Density ^{5/} (%) |
| PD Range | | | | | | | |
| 0.00 to < 0.15 | 5 | 0.14% | 3 | 45% | 3.6 | 2 | 48% |
| 0.15 to < 0.25 | - | - | - | - | - | - | NA |
| 0.25 to < 0.50 | 4 | 0.37% | 8 | 45% | 2.4 | 2 | 63% |
| 0.50 to < 0.75 | 18 | 0.54% | 21 | 45% | 3.1 | 17 | 91% |
| 0.75 to < 2.50 | 58 | 1.19% | 51 | 45% | 2.3 | 60 | 103% |
| 2.50 to < 10.00 | 3 | 3.20% | 3 | 45% | 3.0 | 5 | 145% |
| 10.00 to < 100.00 | - | - | - | - | - | - | NA |
| 100.00 (Default) | # | 100.00% | 1 | 45% | 5.0 | - | 0% |
| Sub-total | 88 | 1.28% | 87 | 45% | 2.6 | 86 | 97% |
| Corporate Small Bus PD Range 0.00 to < 0.15 | siness 9 | 0.10% | 24 | 45% | 0.9 | 2 | 25% |
| 0.15 to < 0.25 | # | 0.15% | 10 | | | # | 16% |
| | # | 0.15% | 10 | 45% | 0.3 | # | 35% |
| | " 1 | | | 45% 45% | 0.3 0.3 | | 33% |
| 0.25 to < 0.50 | | 0.15% 0.37% 0.54% | 20 26 | 45% 45% 45% | 0.3 0.3 0.0 | # 212 | |
| 0.25 to < 0.50 0.50 to < 0.75 | 1 | 0.37% | 20 26 | 45% | 0.3 | # 212 | 60% |
| 0.25 to < 0.50 0.50 to < 0.75 | 1 354 | 0.37% 0.54% | 20 | 45% 45% | 0.3 0.0 | # | 55% 60% 114% 120% |
| 0.25 to < 0.50 0.50 to < 0.75 0.75 to < 2.50 | 1 354 4 | 0.37% 0.54% 1.75% | 20 26 68 | 45% 45% 45% | 0.3 0.0 2.6 | # 212 5 | 60% 114% 120% |
| 0.25 to < 0.50 0.50 to < 0.75 0.75 to < 2.50 2.50 to < 10.00 | 1 354 4 5 | 0.37% 0.54% 1.75% 3.29% | 20 26 68 26 | 45% 45% 45% 45% | 0.3 0.0 2.6 2.8 | # 212 5 6 | 60% 114% 120% 223% |
| 0.25 to < 0.50 0.50 to < 0.75 0.75 to < 2.50 2.50 to < 10.00 10.00 to < 100.00 | 1 354 4 5 # | 0.37% 0.54% 1.75% 3.29% 26.24% | 20 26 68 26 19 | 45% 45% 45% 45% 45% | 0.3 0.0 2.6 2.8 1.1 | # 212 5 6 | 60% 114% |

16.5 Counterparty Credit Risk Exposures under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | | 30 Jun 2022 | | | | |
|--------------------------------------|------------------------------------|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------|------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g |
| Courseine | EAD ^{1/} (S\$ million) | Average PD ^{2/} (%) | Number of Obligors ^{3/} | Average LGD ^{2/} (%) | Average Maturity ^{4/} (In years) | RWA (S\$ million) | RWA 5 Density %) |
| Sovereign | | | | (***) | ()) | - / | (|
| PD Range | 0 557 | 0.000/ | - | 0.40/ | | | 00 |
| 0.00 to < 0.15 | 2,557 | 0.00% | 7 | 34% | 0.6 | 1 | 0% |
| 0.15 to < 0.25 | - | - | - | - | - | - | N |
| 0.25 to < 0.50 | - | - | - | - | - | - | N |
| 0.50 to < 0.75 | - | - | - | - | - | - | N |
| 0.75 to < 2.50 | - | - | - | - | - | - | N |
| 2.50 to < 10.00 | - | - | - | - | - | - | N |
| 10.00 to < 100.00 | - | - | - | - | - | - | N |
| 100.00 (Default) | - | - | - | - | - | - | N |
| Sub-total | 2,557 | 0.00% | 7 | 34% | 0.6 | 1 | 0% |
| | | | | | | | |
| Bank | | | | | | | |
| PD Range | | 0.0=0/ | | 223 | | | • |
| 0.00 to < 0.15 | 7,526 | 0.05% | 137 | 29% | 0.6 | 680 | 99 |
| 0.15 to < 0.25 | - | - | - | - | - | - | N. |
| 0.25 to < 0.50 0.50 to < 0.75 | 753 32 | 0.37% 0.54% | 11 10 | 7% 45% | 0.2 0.6 | 70 21 | 99 659 |
| 0.30 to < 0.75 0.75 to < 2.50 | | 1.11% | 10 | 45% 45% | 0.0 | ∠⊺ # | 689 |
| 2.50 to < 10.00 | # | 1.1170 | I | 43% | 0.0 | # | 00 N |
| 10.00 to < 100.00 | - | - | - | - | - | - | N. |
| 100.00 (Default) | _ | - | - | - | - | - | N |
| Sub-total | 8,311 | 0.08% | 159 | 27% | 0.6 | 771 | 9% |
| Comorato | - | | | | | | |
| Corporate PD Range | | | | | | | |
| 0.00 to < 0.15 | 3,213 | 0.09% | 185 | 37% | 1.2 | 576 | 189 |
| 0.15 to < 0.25 | | - | - | - | - | - | N |
| 0.25 to < 0.50 | 679 | 0.37% | 105 | 42% | 1.0 | 369 | 54% |
| 0.50 to < 0.75 | 68 | 0.54% | 65 | 45% | 1.3 | 43 | 639 |
| 0.75 to < 2.50 | 110 | 1.48% | 97 | 45% | 2.3 | 118 | 1079 |
| 2.50 to < 10.00 | 101 | 3.24% | 26 | 45% | 1.4 | 127 | 1259 |
| 10.00 to < 100.00 | # | 14.65% | 45 | 45% | 2.4 | 1 | 2529 |
| 100.00 (Default) | - | - | | - | <u> </u> | - | N |
| Sub-total | 4,171 | 0.25% | 523 | 38% | 1.2 | 1,234 | 30% |

16.5 Counterparty Credit Risk Exposures under Foundation Internal Ratings-Based Approach (F-IRBA) (continued)

| | | 30 |) Jun 2022 | | | | |
|----------------------------------|------------------------------------|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|----------------------|-------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| Corporate (IPRE) | EAD ^{1/} (S\$ million) | Average PD ^{2/} (%) | Number of Obligors ^{3/} | Average LGD ^{2/} (%) | Average Maturity ^{4/} (In years) | RWA (S\$ million) | RWA Density ^{5/} (%) |
| PD Range | | | | | | | |
| 0.00 to < 0.15 | 9 | 0.14% | 3 | 45% | 4.2 | 5 | 53% |
| 0.15 to < 0.25 | - | - | - | - | - | - | NA |
| 0.25 to < 0.50 | 9 | 0.37% | 9 | 45% | 2.4 | 5 | 63% |
| 0.50 to < 0.75 | 12 | 0.54% | 17 | 45% | 2.1 | 8 | 71% |
| 0.75 to < 2.50 | 47 | 1.17% | 37 | 45% | 2.2 | 46 | 98% |
| 2.50 to < 10.00 | 8 | 3.20% | 2 | 45% | 3.3 | 11 | 149% |
| 10.00 to < 100.00 | - | - | - | - | - | - | NA |
| 100.00 (Default) | - | - | - | - | - | - | NA |
| Sub-total | 85 | 1.07% | 68 | 45% | 2.5 | 75 | 91% |
| Corporate Small Busi PD Range | ness | | | | | | |
| 0.00 to < 0.15 | 17 | 0.10% | 17 | 45% | 0.7 | 4 | 23% |
| 0.15 to < 0.25 | # | 0.18% | 12 | 45% | 0.1 | # | 17% |
| 0.25 to < 0.50 | 1 | 0.37% | 22 | 45% | 0.3 | # | 33% |
| 0.50 to < 0.75 | 140 | 0.54% | 26 | 45% | 0.0 | 83 | 59% |
| 0.75 to < 2.50 | 6 | 1.46% | 67 | 45% | 2.2 | 6 | 89% |
| 2.50 to < 10.00 | 2 | 3.39% | 27 | 45% | 1.0 | 1 | 99% |
| 10.00 to < 100.00 | # | 25.17% | 11 | 45% | 0.2 | # | 129% |
| 100.00 (Default) | 1 | 100.00% | 2 | 45% | 5.0 | - | 0% |
| Sub-total | 167 | 0.87% | 184 | 45% | 0.2 | 94 | 57% |
| | | | | | | | |

^{1/} EAD refers to the amount relevant for capital requirements calculation, after taking into account the effects of CRM

^{2/} Refers to the PD and LGD associated with each obligor grade, weighted by EAD

^{3/} Number of obligors refers to the number of counterparties

^{4/} Refers to the effective maturity of the exposures to the obligor in years, weighted by EAD

^{5/} Total RWA divided by the exposures post-CRM

Represents amounts of less than \$0.5 million

16.6 Counterparty Credit Risk Exposures under Advanced Internal Ratings-Based Approach (A-IRBA)

The table below represents the parameters used in the calculation of capital for the Group's portfolio, which are subjected to the CCR requirements under the A-IRBA by asset classes.

There was no CCR exposure within the other prescribed asset classes (Sovereign, Banks and Corporate Small Business) under A-IRBA as at 31 December 2022.

| | | 3 | 1 Dec 2022 | | | | |
|------------------------|------------------------------------|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------------------|----------------------|-------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| Corporate | EAD ^{1/} (S\$ million) | Average PD ^{2/} (%) | Number of Obligors ^{3/} | Average LGD ^{2/} (%) | Average Maturity ^{4/} (In years) | RWA (S\$ million) | RWA Density ^{5/} (%) |
| PD Range | | | | | | | |
| 0.00 to < 0.15 | 21 | 0.05% | 51 | 1% | 0.5 | # | 0% |
| 0.15 to < 0.25 | 14 | 0.20% | 85 | 3% | 0.3 | # | 2% |
| 0.25 to < 0.50 | - | - | - | - | - | - | NA |
| 0.50 to < 0.75 | 4 | 0.50% | 34 | 2% | 0.8 | # | 3% |
| 0.75 to < 2.50 | 9 | 1.85% | 42 | 5% | 0.4 | 1 | 10% |
| 2.50 to < 10.00 | 6 | 5.00% | 22 | 9% | 1.3 | 2 | 29% |
| 10.00 to < 100.00 | 7 | 11.65% | 90 | 18% | 0.2 | 5 | 74% |
| 100.00 (Default) | - | - | - | - | - | - | NA |
| Sub-total | 61 | 2.19% | 324 | 5% | 0.5 | 8 | 13% |
| Total (all portfolios) | 61 | 2.19% | 324 | 5% | 0.5 | 8 | 13% |

| | | 3 | 0 Jun 2022 | | | | |
|------------------------|------------------------------------|---------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|----------------------|-------------------------------------|
| | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
| Corporate | EAD ^{1/} (S\$ million) | Average PD ^{2/} (%) | Number of Obligors ^{3/} | Average LGD ^{2/} (%) | Average Maturity 4/ (In years) | RWA (S\$ million) | RWA Density ^{5/} (%) |
| PD Range | | | | | | | |
| 0.00 to < 0.15 | 6 | 0.05% | 44 | 1% | 0.6 | # | 0% |
| 0.15 to < 0.25 | 36 | 0.20% | 75 | 3% | 0.4 | 1 | 2% |
| 0.25 to < 0.50 | - | - | - | - | - | - | NA |
| 0.50 to < 0.75 | 7 | 0.50% | 34 | 2% | 0.3 | # | 2% |
| 0.75 to < 2.50 | 11 | 1.87% | 52 | 1% | 0.2 | # | 2% |
| 2.50 to < 10.00 | 4 | 5.00% | 34 | 8% | 0.3 | 1 | 24% |
| 10.00 to < 100.00 | 23 | 10.07% | 93 | 16% | 1.0 | 15 | 67% |
| 100.00 (Default) | - | - | - | - | - | - | NA |
| Sub-total | 87 | 3.27% | 332 | 6% | 0.5 | 17 | 20% |
| Total (all portfolios) | 87 | 3.27% | 332 | 6% | 0.5 | 17 | 20% |

^{1/} EAD refers to the amount relevant for capital requirements calculation, after taking into account the effects of CRM

 $^{\ensuremath{\scriptscriptstyle 2}\xspace}$ Refers to the PD and LGD associated with each obligor grade, weighted by EAD

^{3/} Number of obligors refers to the number of accounts

^{4/} Refers to the maturity of the exposures to the obligor in years, weighted by EAD

^{5/} Total RWA divided by the exposures post-CRM

Represents amounts of less than \$0.5 million



16.7 Composition of Collateral for Counterparty Credit Risk Exposures

The table below represents all the types of collateral posted or received by the Group to support or reduce its CCR exposures related to derivatives or securities financing transactions (SFTs), including transactions cleared through Central Counterparties (CCP).

| | | | | 31 Dec 2022 | 2 | | |
|---|-------------|--------------------------|-------------------|--------------------------|--------------|--------------------------------------|------------------------------------|
| | | (a) | (b) | (c) | (d) | (e) | (f) |
| | | Coll | ateral used in de | rivative transaction | ons | Collateral use | ed in SFTs ^{1/} |
| | | Fair value of colla | teral received | Fair value of colla | teral posted | | |
| | S\$ million | Segregated ^{2/} | Unsegregated | Segregated ^{2/} | Unsegregated | Fair value of collateral received | Fair value of collateral posted |
| I | Cash | - | 3,151 | 97 | 2,302 | 3,277 | 7,217 |
| 2 | Debt | 102 | 1,196 | 478 | 581 | 6,254 | 3,497 |
| | Equity | - | 784 | - | - | - | - |
| Ļ | Others 3/ | - | 777 | - | - | - | - |
| 5 | Total | 102 | 5,908 | 575 | 2,883 | 9,531 | 10,714 |

| | | | | 30 Jun 2022 | 2 | | |
|---|-------------|--------------------------|-------------------|--------------------------|-----------------|--------------------------------------|------------------------------------|
| | | (a) | (b) | (c) | (d) | (e) | (f) |
| | | Collat | eral used in deri | vative transaction | ons | Collateral use | ed in SFTs ^{1/} |
| | | Fair value of collate | eral received | Fair value of col | llateral posted | | |
| | S\$ million | Segregated ^{2/} | Unsegregated | Segregated ^{2/} | Unsegregated | Fair value of collateral received | Fair value of collateral posted |
| 1 | Cash | - | 2,902 | 139 | 2,348 | 3,675 | 4,133 |
| 2 | Debt | - | 720 | - | 127 | 3,585 | 4,113 |
| 3 | Equity | - | 640 | - | - | - | - |
| 4 | Others 3/ | - | 576 | - | - | - | - |
| 5 | Total | - | 4,838 | 139 | 2,475 | 7,260 | 8,246 |

^{1/} Refers to Securities Financing Transaction (i.e. Repos and Reverse Repos)

^{2/} Refers to collateral held in a bankruptcy remote manner

^{3/} Includes collateral not reported in the other categories

16.8 Credit Derivative Exposures

The table below presents the Group's exposure to credit derivatives by what had been bought or sold.

The increase in notional for credit derivatives during the second half of 2022 was mainly driven by higher index credit default swaps and higher single-name credit default swaps.

| | - | 31 Dec 2 | 2022 | 30 Jun 2 | 2022 |
|---|----------------------------------|-------------------|-----------------|-------------------|-----------------|
| | | (a) | (b) | (a) | (b) |
| | S\$ million | Protection Bought | Protection Sold | Protection Bought | Protection Sold |
| | Notional | | | | |
| 1 | Single-name credit default swaps | 1,502 | 942 | 1,273 | 563 |
| 2 | Index credit default swaps | 2,171 | 2,164 | 1,725 | 1,718 |
| 3 | Total return swaps | 8 | - | 147 | - |
| 4 | Other credit derivatives | 312 | 204 | 258 | 158 |
| 5 | Total notional | 3,993 | 3,310 | 3,403 | 2,439 |
| | Fair values | | | | |
| 6 | Positive fair value (asset) | 7 | 30 | 48 | 8 |
| 7 | Negative fair value (liability) | 37 | 6 | 14 | 27 |

17. SECURITISATION EXPOSURES

The Group has limited exposure to asset-backed securities and collateralised debt obligations and are not active in securitisation activities. As at 31 December 2022, there was no securitisation and re-securitisation exposure in the banking and trading books.

18. MARKET RISK TYPE UNDER STANDARDISED APPROACH

The decrease in Market Risk RWA during the second half of 2022 was mainly attributed to lower Foreign exchange risk and Equity risk.

| | 31 Dec 2022 | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| | | (a) |
| | Market Risk by Standardised Approach S\$ million | RWA |
| | Notional | |
| 1 | Interest rate risk (general and specific) | 2,024 |
| 2 | Equity risk (general and specific) | 293 |
| 3 | Foreign exchange risk | 5,682 |
| 4 | Commodity risk | 1 |
| | Options | |
| 5 | Simplified Approach | - |
| 6 | Delta-plus method | 331 |
| 7 | Scenario Approach | 256 |
| 8 | Securitisation | - |
| | | |
| 9 | Total | 8,587 |
| | Total | 8,587 |
| | | |
| | Total 30 Jun 2022 | 8,587 (a) |
| | Total 30 Jun 2022 Market Risk by Standardised Approach | |
| | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million | (a) |
| 9 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional | (a) RWA |
| 9 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional Interest rate risk (general and specific) | (a) RWA 2,432 |
| 9 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional Interest rate risk (general and specific) Equity risk (general and specific) | (a) RWA 2,432 753 |
| 9 9 1 2 3 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional Interest rate risk (general and specific) Equity risk (general and specific) Foreign exchange risk | (a) RWA 2,432 753 6,435 |
| 9 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional Interest rate risk (general and specific) Equity risk (general and specific) Foreign exchange risk Commodity risk | (a) RWA 2,432 753 |
| 9 1 2 3 4 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional Interest rate risk (general and specific) Equity risk (general and specific) Foreign exchange risk Commodity risk Options | (a) RWA 2,432 753 6,435 |
| 9 9 1 2 3 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional Interest rate risk (general and specific) Equity risk (general and specific) Foreign exchange risk Commodity risk Options Simplified Approach | (a) RWA 2,432 753 6,435 |
| 9 1 2 3 4 5 | Total 30 Jun 2022 Market Risk by Standardised Approach S\$ million Notional Interest rate risk (general and specific) Equity risk (general and specific) Foreign exchange risk Commodity risk Options | (a) RWA 2,432 753 6,435 2 |

There is no Market Risk exposure under Internal Model Approach as at 31 December 2022.

Total

9

10,449



19. INTEREST RATE RISK IN THE BANKING BOOK

Qualitative disclosures related to Interest Rate Risk in the Banking Book, including a description of its nature and key assumptions made by the Group, can be found in the Risk Management chapter and Notes to the Financial Statements of the Annual Report.

Based on a 100 bp parallel rise in yield curves on the Group's exposure to major currencies i.e. Singapore Dollar, US Dollar, Hong Kong Dollar and Malaysian Ringgit, net interest income is estimated to increase by S\$742 million, or approximately +9.6% of reported net interest income. The corresponding impact from a 100 bp decrease is an estimated reduction of S\$742 million in net interest income, or approximately -9.6% of reported net interest income, or approximately -9.6% of reported net interest income.

20. LIQUIDITY COVERAGE RATIO

The Group is subjected to the Liquidity Coverage Ratio ("LCR") requirements under the MAS Notice 649. As at 1 January 2019, the Group is required to maintain daily all-currency and Singapore dollar ("SGD") LCR of at least 100% on an ongoing basis.

LCR aims to ensure that a Bank maintains an adequate level of unencumbered High Quality Liquid Assets ("HQLA") that can be quickly and easily converted into cash to meet any liquidity needs for a 30-calendar day liquidity stress scenario.

The following quarterly disclosures are made pursuant to the MAS Notice 651 "Liquidity Coverage Ratio Disclosure".

For 4Q22, the average SGD and all-currency LCRs for the Group were 308% and 159% respectively. Compared to 3Q22, the average SGD LCR decreased by 52 percentage points largely driven by lower inflows from derivatives. The average all-currency LCR increased by 6 percentage points due to an increase in HQLA.

The Group continues to focus on acquiring stable deposits and on maintaining a mix of HQLA comprising mainly of Level 1 central bank reserves and liquid sovereign bonds. The Asset & Liability Management Desk in Global Treasury manages the day-to-day liquidity needs of the Group and is subject to liquidity limits and triggers that serve as risk control on the Group's liquidity exposure.



20. Liquidity Coverage Ratio (continued)

Average Group All Currency LCR for 4Q22

The data presented in the quantitative disclosure are simple averages of daily observations over the quarter. The number of data points in calculating the average figures is 92.

| Group - ALL Currency (S\$m) | | Total Unweighted Value (average) | Total Weighted Value (average) | | | | |
|-----------------------------|----------------------------------------------------------------------------|-------------------------------------|-----------------------------------|--|--|--|--|
| HIGH | HIGH-QUALITY LIQUID ASSETS | | | | | | |
| 1 | Total high-quality liquid assets (HQLA) | | 79,896 | | | | |
| CASH | CASH OUTFLOWS | | | | | | |
| 2 | Retail deposits and deposits from small business customers, of which: | 166,358 | 14,107 | | | | |
| 3 | Stable deposits | 50,342 | 2,517 | | | | |
| 4 | Less stable deposits | 116,016 | 11,590 | | | | |
| 5 | Unsecured wholesale funding, of which: | 128,419 | 58,995 | | | | |
| 6 | Operational deposits (all counterparties) and deposits in networks of | 41,269 | 9,966 | | | | |
| | cooperative banks | | | | | | |
| 7 | Non-operational deposits (all counterparties) | 80,781 | 42,660 | | | | |
| 8 | Unsecured debt | 6,369 | 6,369 | | | | |
| 9 | Secured wholesale funding | | 522 | | | | |
| 10 | Additional requirements, of which: | 75,579 | 39,935 | | | | |
| 11 | Outflows related to derivative exposures and other collateral requirements | 35,249 | 35,087 | | | | |
| 12 | Outflows related to loss of funding on debt products | 32 | 32 | | | | |
| 13 | Credit and liquidity facilities | 40,298 | 4,816 | | | | |
| 14 | Other contractual funding obligations | 1,702 | 1,702 | | | | |
| 15 | Other contingent funding obligations | 17,910 | 537 | | | | |
| 16 | TOTAL CASH OUTFLOWS | | 115,799 | | | | |
| CASH | CASH INFLOWS | | | | | | |
| 17 | Secured lending (eg reverse repos) | 3,719 | 480 | | | | |
| 18 | Inflows from fully performing exposures | 50,389 | 31,351 | | | | |
| 19 | Other cash inflows | 33,771 | 33,658 | | | | |
| 20 | TOTAL CASH INFLOWS | 87,879 | 65,489 | | | | |
| | TOTAL ADJUSTED VA | | | | | | |
| 21 | TOTAL HQLA | | 79,896 | | | | |
| 22 | TOTAL NET CASH OUTFLOWS | | 50,310 | | | | |
| 23 | LIQUIDITY COVERAGE RATIO (%) | | 159 | | | | |



20. Liquidity Coverage Ratio (continued)

Average Group SGD LCR for 4Q22

The data presented in the quantitative disclosure are simple averages of daily observations over the quarter. The number of data points in calculating the average figures is 92.

| Group - SGD (S\$m) | | Total Unweighted Value (average) | Total Weighted Value (average) | | | | |
|--------------------|----------------------------------------------------------------------------|-------------------------------------|-----------------------------------|--|--|--|--|
| HIGH | HIGH-QUALITY LIQUID ASSETS | | | | | | |
| 1 | Total high-quality liquid assets (HQLA) | | 39,094 | | | | |
| CASH | CASH OUTFLOWS | | | | | | |
| 2 | Retail deposits and deposits from small business customers, of which: | 95,653 | 7,443 | | | | |
| 3 | Stable deposits | 42,447 | 2,122 | | | | |
| 4 | Less stable deposits | 53,206 | 5,321 | | | | |
| 5 | Unsecured wholesale funding, of which: | 26,803 | 10,379 | | | | |
| 6 | Operational deposits (all counterparties) and deposits in networks of | 10,868 | 2,624 | | | | |
| | cooperative banks | | | | | | |
| 7 | Non-operational deposits (all counterparties) | 15,933 | 7,752 | | | | |
| 8 | Unsecured debt | 3 | 3 | | | | |
| 9 | Secured wholesale funding | | - | | | | |
| 10 | Additional requirements, of which: | 34,916 | 18,956 | | | | |
| 11 | Outflows related to derivative exposures and other collateral requirements | 17,395 | 17,395 | | | | |
| 12 | Outflows related to loss of funding on debt products | - | - | | | | |
| 13 | Credit and liquidity facilities | 17,521 | 1,561 | | | | |
| 14 | Other contractual funding obligations | 1,213 | 1,213 | | | | |
| 15 | Other contingent funding obligations | 1,952 | 59 | | | | |
| 16 | TOTAL CASH OUTFLOWS | | 38,049 | | | | |
| CASH | HINFLOWS | | | | | | |
| 17 | Secured lending (eg reverse repos) | 1,233 | - 0 | | | | |
| 18 | Inflows from fully performing exposures | 4,712 | 2,525 | | | | |
| 19 | Other cash inflows | 22,710 | 22,699 | | | | |
| 20 | TOTAL CASH INFLOWS | 28,654 | 25,224 | | | | |
| | TOTAL ADJUSTED VALUE | | | | | | |
| 21 | TOTAL HQLA | | 39,094 | | | | |
| 22 | TOTAL NET CASH OUTFLOWS | | 12,860 | | | | |
| 23 | LIQUIDITY COVERAGE RATIO (%) | | 308 | | | | |



21. NET STABLE FUNDING RATIO

The Group is subjected to the Net Stable Funding Ratio ("NSFR") requirements under MAS Notice 652. The Group is required to maintain an all-currency NSFR of at least 100% on an ongoing basis.

NSFR ensures that the Group maintains a stable funding profile in relation to the composition of its assets and off-balance sheet activities. It aims to promote resilience over a longer time horizon by funding its activities with stable sources of funding on an ongoing basis.

The following semi-annual disclosures are made pursuant to the MAS Notice 653 "Net Stable Funding Ratio Disclosure".

As at 31 December 2022, the all-currency NSFR for the Group was 117%. Compared to 30 September 2022, the all-currency NSFR increased by 2 percentage points, mainly driven by lower required stable funding ("RSF") from customer loans.

The Group continues to maintain a stable funding structure to support its asset growth. Funding strategies have been put in place to provide effective diversification and stability in funding sources across tenors, products and geographies. Liquidity limits and triggers serve as risk control on the Group's funding and liquidity exposure.



21. Net Stable Funding Ratio (continued)

Group All-Currency NSFR as at 31 Dec 2022

| | Unweighted value by residual maturity | | | Weighted | | |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|-------------|---------|---------|
| | Group - ALL Currency (S\$m) | | < 6 months | 6 months to | ≥ 1yr | value |
| ASF Item | | | | <1 yr | | |
| | Capital: | 45,659 | - | 998 | 3,403 | 50,060 |
| 2 | • | 45,659 | - | 998 | 3,403 | 50,060 |
| 3 | | - | - | - | - | - |
| | Retail deposits and deposits from small business | | | | | |
| 4 | customers: | 109,023 | 62,682 | 2,385 | 720 | 159,947 |
| 5 | Stable deposits | 43,886 | 6,982 | 37 | 2 | 48,362 |
| 6 | Less stable deposits | 65,137 | 55,700 | 2,348 | 718 | 111,585 |
| 7 | Wholesale funding: | 76,832 | 109,759 | 13,066 | 6,734 | 75,138 |
| 8 | Operational deposits | 41,357 | - | - | - | 20,678 |
| 9 | Other wholesale funding | 35,475 | 109,759 | 13,066 | 6,734 | 54,459 |
| 10 | Liabilities with matching interdependent assets | - | - | - | - | - |
| 11 | Other liabilities: | 4,907 | | 17,994 | | 201 |
| 12 | NSFR derivative liabilities | | | 16,633 | | |
| 13 | All other liabilities and equity not included in the | 4,907 | 1,159 | _ | 201 | 201 |
| 15 | above categories | 4,907 | 1,155 | - | 201 | 201 |
| 14 | Total ASF | | | | | 285,347 |
| RSF Iten | n | | | | | |
| 15 | Total NSFR high-quality liquid assets (HQLA) | | | | | 5,131 |
| 16 | Deposits held at other financial institutions for | 59 | - | - | - | 29 |
| | operational purposes | | | | | 25 |
| 17 | Performing loans and securities: | 11,567 | 122,994 | 25,592 | 183,755 | 214,717 |
| 18 | Performing loans to financial institutions secured by Level 1 HQLA | - | 1,422 | 96 | - | 190 |
| 19 | Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions | 6,215 | 19,423 | 1,240 | 2,791 | 8,073 |
| 20 | Performing loans to non-financial corporate clients, loans to retail and small business customers, and loans to sovereigns, central banks and PSEs, of which: | 5,163 | 88,342 | 17,848 | 116,671 | 151,632 |
| 21 | With a risk weight of less than or equal to 35% under MAS Notice 637's standardised approach to credit risk | - | - | - | - | - |
| 22 | Performing residential mortgages, of which: | - | 1,635 | 1,453 | 57,813 | 40,437 |
| 23 | With a risk weight of less than or equal to 35% under MAS Notice 637's standardised approach to credit risk | - | 1,427 | 1,299 | 55,954 | 38,657 |
| 24 | Securities that are not in default and do not qualify as HQLA, including exchange-traded equities | 189 | 12,172 | 4,955 | 6,479 | 14,386 |
| | Assets with matching interdependent liabilities | - | - | - | - | - |
| | Other assets: | 16,614 | | 40,118 | | 22,007 |
| 27 | Physical trade commodities, including gold | 1,287 | | | | 1,094 |
| 28 | Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs | | 529 | | 450 | |
| 29 | NSFR derivative assets | | | 18,129 | | 1,496 |
| 30 | NSFR derivative liabilities before deduction of variation margin posted | | 18,617 | | | 931 |
| 31 | All other assets not included in the above categories | 15,327 | 826 | 140 | 1,877 | 18,037 |
| 32 | Off-balance sheet items | | | 228,123 | | 2,012 |
| 33 | Total RSF | | | | | 243,897 |
| 34 | Net Stable Funding Ratio (%) | | | | | 117 |



21. Net Stable Funding Ratio (continued)

Group All-Currency NSFR at 30 Sep 2022

| | Unweighted value by residual maturity | | | Weighted | | |
|----------|----------------------------------------------------------|-------------|------------|-------------|---------|---------|
| | Group - ALL Currency (S\$m) | No Maturity | < 6 months | 6 months to | ≥ 1yr | value |
| | | · · · · · · | | <1 yr | | |
| ASF Iten | n Capital: | 45,236 | | 998 | 3,576 | 49,810 |
| 2 | • | 45,236 | - | 998 | 3,576 | 49,810 |
| 3 | | 45,250 | - | 990 | 5,570 | 49,810 |
| 5 | Retail deposits and deposits from small business | - | - | - | - | - |
| 4 | customers: | 119,824 | 49,889 | 3,057 | 609 | 158,665 |
| 5 | Stable deposits | 45,842 | 5,364 | 40 | 1 | 48,685 |
| 6 | • | 73,983 | 44,525 | 3,017 | 608 | 109,980 |
| | Wholesale funding: | 85,580 | 107,194 | 12,326 | 8,435 | 78,453 |
| 8 | Operational deposits | 42,071 | - | - | | 21,035 |
| 9 | | 43,510 | 107,194 | 12,326 | 8,435 | 57,418 |
| | Liabilities with matching interdependent assets | 43,510 | 107,134 | 12,520 | | 57,410 |
| | Other liabilities: | 5,969 | | 25,881 | | 196 |
| 12 | NSFR derivative liabilities | 5,505 | | 23,315 | | 150 |
| | All other liabilities and equity not included in the | | | 20,010 | | |
| 13 | above categories | 5,969 | 2,370 | - | 196 | 196 |
| 14 | Total ASF | | | | | 287,125 |
| RSF Iter | | | | | | 207,125 |
| | Total NSFR high-quality liquid assets (HQLA) | | | | | 5,695 |
| | Deposits held at other financial institutions for | | | | | |
| 16 | operational purposes | 109 | - | - | - | 54 |
| 17 | Performing loans and securities: | 12,691 | 124,161 | 23,445 | 185,400 | 217,862 |
| | Performing loans to financial institutions secured by | , | | | | |
| 18 | Level 1 HQLA | - | 1,368 | 80 | - | 177 |
| | Performing loans to financial institutions secured by | | | | | |
| 19 | | 6,662 | 19,147 | 1,432 | 2,063 | 7,523 |
| | financial institutions | - | - | | | |
| | Performing loans to non-financial corporate clients, | | | | | |
| 20 | | 5,685 | 91,367 | 15,784 | 117,569 | 154,453 |
| | to sovereigns, central banks and PSEs, of which: | | | , | | , |
| | With a risk weight of less than or equal to 35% under | | | | | |
| 21 | MAS Notice 637's standardised approach to credit | - | - | - | - | - |
| | risk | | | | | |
| 22 | Performing residential mortgages, of which: | - | 1,765 | 1,640 | 58,954 | 41,945 |
| | With a risk weight of less than or equal to 35% under | | , | , | / | / |
| 23 | MAS Notice 637's standardised approach to credit | - | 1,526 | 1,358 | 56,212 | 39,259 |
| | risk | | | | | |
| 24 | Securities that are not in default and do not qualify as | 244 | 10 514 | 4 500 | 6.015 | 40.705 |
| 24 | HQLA, including exchange-traded equities | 344 | 10,514 | 4,508 | 6,815 | 13,765 |
| 25 | Assets with matching interdependent liabilities | - | - | - | - | - |
| 26 | Other assets: | 16,714 | | 56,396 | | 23,886 |
| 27 | Physical trade commodities, including gold | 1,226 | | | | 1,042 |
| 28 | Assets posted as initial margin for derivative contracts | | | 447 | | 380 |
| 20 | and contributions to default funds of CCPs | | | 777 | | 580 |
| 29 | NSFR derivative assets | | | 26,460 | | 3,145 |
| 30 | NSFR derivative liabilities before deduction of | | | 25,576 | | 1,279 |
| | variation margin posted | | | | | 1,275 |
| 31 | All other assets not included in the above categories | 15,488 | 1,956 | 157 | 1,800 | 18,040 |
| 32 | Off-balance sheet items | | | 232,668 | | 1,999 |
| 33 | | | | | | 249,496 |
| 34 | Net Stable Funding Ratio (%) | | | | | 115 |