



**Pillar 3, Liquidity Coverage Ratio ("LCR") and
Net Stable Funding Ratio ("NSFR") Disclosures**

Second Quarter 2019

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

CONTENTS	Page
PART A : PILLAR 3 DISCLOSURES (FOR DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES)	
1 INTRODUCTION.....	A-1
2 SCOPE OF CONSOLIDATION.....	A-1
3 OVERVIEW OF KEY PRUDENTIAL REGULATORY METRICS.....	A-2
4 CAPITAL ADEQUACY.....	A-3
4.1 Capital Resources and Capital Adequacy Ratios	
4.2 Geographical Distribution of Credit Exposures used in the Countercyclical Capital Buffer	
5 COMPOSITION OF CAPITAL.....	A-5
5.1 Financial Statements and Regulatory Scope of Consolidation	
5.2 Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet	
5.3 Main Features of Capital Instruments	
6 LEVERAGE RATIO.....	A-17
7 OVERVIEW OF RISK-WEIGHTED ASSETS.....	A-19
8 CREDIT RISK.....	A-20
8.1 Credit Quality of Assets	
8.2 Changes in Stock of Defaulted Loans and Debt Securities	
8.3 Overview of CRM Techniques	
8.4 SA(CR) and SA(EQ) – Credit Risk Exposure and CRM Effects	
8.5 SA(CR) and SA(EQ) – Exposures by Asset Classes and Risk Weights	
8.6 IRBA – Credit Risk Exposures by Portfolio and PD Range	
8.7 IRBA – Effect on RWA of Credit Derivatives used as CRM	
8.8 IRBA – RWA Flow Statement for Credit Risk Exposures	
8.9 IRBA – Specialised Lending and Equities under the Simple Risk Weight Method	
9 COUNTERPARTY CREDIT RISK ("CCR").....	A-30
9.1 Analysis of CCR Exposure by Approach	
9.2 CVA Risk Capital Requirements	
9.3 Credit Derivative Exposures	
9.4 Standardised Approach – CCR Exposures by Portfolio and Risk Weights	
9.5 IRBA – CCR Exposures by Portfolio and PD Range	
9.6 RWA Flow Statements under the CCR Internal Models Method	
9.7 Composition of Collateral for CCR Exposure	
10 SECURITISATION.....	A-36
10.1 Securitisation Exposures in the Banking Book	
10.2 Securitisation Exposures in the Trading Book	
10.3 Securitisation Exposures in the Banking Book and associated Regulatory Capital Requirements – A Reporting Bank acting as Originator or as Sponsor	
10.4 Securitisation Exposures in the Banking Book and associated Regulatory Capital Requirements – A Reporting Bank acting as an Investor	
11 MARKET RISK.....	A-38
11.1 Market Risk under Standardised Approach	
11.2 RWA Flow Statements of Market Risk Exposures under IMA, IMA Values for Trading Portfolios and Comparison of VaR Estimates with Gains or Losses	

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

CONTENTS	Page
12 INTEREST RATE RISK IN THE BANKING BOOK.....	A-38
PART B: LIQUIDITY COVERAGE RATIO ("LCR") DISCLOSURES (FOR DBS BANK GROUP)	
1 LIQUIDITY COVERAGE RATIO.....	B-1
1.1 Average All-Currency LCR for the Quarter ended 30 June 2019	
1.2 Average SGD LCR for the Quarter ended 30 June 2019	
1.3 Liquidity Coverage Ratio	
PART C: NET STABLE FUNDING RATIO ("NSFR") DISCLOSURES (FOR DBS BANK GROUP)	
1 NET STABLE FUNDING RATIO.....	C-1
1.1 NSFR Disclosure Template	
PART D: ABBREVIATIONS.....	D-1

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

PART A : PILLAR 3 DISCLOSURES (FOR DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES)

1 INTRODUCTION

This part contains Pillar 3 disclosures of DBS Group Holdings Ltd and its Subsidiaries (Group) and is made pursuant to the Monetary Authority of Singapore Notice to Banks No. 637 "Notice on Risk Based Capital Adequacy Requirements for Banks incorporated in Singapore" (MAS Notice 637).

The Group views the Basel framework as part of continuing efforts to strengthen its risk management culture and ensure that the Group pursues business growth across segments and markets with the appropriate risk management discipline, practices and processes in place.

For the purpose of calculating its risk-weighted assets, the Group applies the Foundation Internal Ratings-Based Approach to certain wholesale credit exposures, the Advanced Internal Ratings-Based Approach to certain retail credit exposures and the Standardised Approach to all other credit exposures. The Group applies the respective Standardised Approaches for operational and market risks.

The numbers in this document are presented in Singapore dollars and rounded to the nearest million, unless otherwise stated.

2 SCOPE OF CONSOLIDATION

The Group's capital requirements are based on the principles of consolidation adopted in the preparation of its financial statements. The Group's regulatory scope of consolidation is identical to its accounting scope of consolidation. Please refer to the financial statements in the latest available annual report for the principles of consolidation.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

3 OVERVIEW OF KEY PRUDENTIAL REGULATORY METRICS

The following table provides an overview of key prudential regulatory metrics for the Group (except Liquidity Coverage Ratio and Net Stable Funding Ratio which are for Bank Group as explained in Part B on page B-1 and Part C on page C-1 respectively).

\$'m		a	b	c	d	e
		30 Jun 19	31 Mar 19	31 Dec 18	30 Sep 18	30 Jun 18
Available capital (amounts)						
1	CET1 capital	41,172	41,865	40,241	39,091	39,615
2	Tier 1 capital	43,773	45,252	43,635	42,508	42,035
3	Total capital	49,037	50,482	48,868	47,762	47,262
Risk-weighted assets (amounts)						
4	Total RWA	302,445	296,961	289,636	294,767	291,819
Risk-based capital ratios as a percentage of RWA						
5	CET1 ratio (%)	13.6	14.1	13.9	13.3	13.6
6	Tier 1 ratio (%)	14.5	15.2	15.1	14.4	14.4
7	Total capital ratio (%)	16.2	17.0	16.9	16.2	16.2
Additional CET1 buffer requirements as a percentage of RWA						
8	Capital conservation buffer requirement (2.5% from 2019) (%)	2.5	2.5	1.875	1.875	1.875
9	Countercyclical buffer requirement (%)	0.4	0.4	0.3	0.3	0.3
10	Bank G-SIB and/or D-SIB additional requirements (%)	-	-	-	-	-
11	Total of bank CET1 specific buffer requirements (%) (row 8 + row 9 + row 10)	2.9	2.9	2.2	2.2	2.2
12	CET1 available after meeting the Reporting Bank's minimum capital requirements (%)	6.2	7.0	6.9	6.2	6.2
Leverage Ratio						
13	Total Leverage Ratio exposure measure	631,550	621,115	610,957	601,427	596,256
14	Leverage Ratio (%) (row 2 / row 13)	6.9	7.3	7.1	7.1	7.0
Liquidity Coverage Ratio ⁽¹⁾						
15	Total High Quality Liquid Assets	92,057	89,712	85,944	80,409	78,849
16	Total net cash outflow	67,163	65,973	62,212	61,036	58,437
17	Liquidity Coverage Ratio (%)	137	137	138	132	135
Net Stable Funding Ratio						
18	Total available stable funding	335,717	334,116	330,573	326,415	323,268
19	Total required stable funding	308,767	301,839	304,180	298,980	294,549
20	Net Stable Funding Ratio (%)	109	111	109	109	110

⁽¹⁾ Calculated based on average for the quarter.

Commentaries for the quarter explaining significant changes in the above metrics, if any, have been included in subsequent sections of this document.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

4 CAPITAL ADEQUACY

4.1 Capital Resources and Capital Adequacy Ratios

\$m	30 Jun 2019	31 Mar 2019
Share capital	11,205	11,205
Disclosed reserves and others	35,681	36,281
Total regulatory adjustments to Common Equity Tier 1 capital	(5,714)	(5,621)
Common Equity Tier 1 capital	41,172	41,865
Additional Tier 1 capital instruments	2,601	3,387
Tier 1 capital	43,773	45,252
Total allowances eligible as Tier 2 capital	1,661	1,633
Tier 2 capital instruments	3,603	3,597
Total capital	49,037	50,482
Risk-Weighted Assets (RWA)		
Credit RWA	249,693	246,950
Market RWA	30,895	28,610
Operational RWA	21,857	21,401
Total RWA	302,445	296,961
Capital Adequacy Ratio (CAR) (%)		
Common Equity Tier 1	13.6	14.1
Tier 1	14.5	15.2
Total	16.2	17.0
Minimum CAR including Buffer Requirements (%)¹		
Common Equity Tier 1	9.4	9.4
Effective Tier 1	10.9	10.9
Effective Total	12.9	12.9
Of which: Buffer Requirements (%)		
Capital Conservation Buffer	2.5	2.5
Countercyclical Buffer	0.4	0.4

Notes:

1 Includes minimum Common Equity Tier 1, Tier 1 and Total CAR of 6.5%, 8.0% and 10.0% respectively.

The Group Common Equity Tier 1 ratio as at 30 June 2019 remains robust at 13.6% after the payment of final 2018 and first quarter 2019 dividends totalling \$2.3 billion. Risk-weighted assets increased by \$5.5 billion due to higher credit and market risk-weighted assets. During the quarter, the \$805 million 4.70% Non-Cumulative Non-Convertible Perpetual Capital Securities (an Additional Tier 1 instrument) was redeemed.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

4.2 Geographical Distribution of Credit Exposures used in the Countercyclical Capital Buffer

The table below sets out the geographical distribution of the RWA of private sector credit exposures relevant for the calculation of the countercyclical capital buffer.

	30 Jun 19			
	(a)	(b)	(c)	(d)
		RWA for private sector credit		
	Jurisdiction- specific countercyclical buffer requirement	exposures used in the computation of the countercyclical buffer	Bank-specific countercyclical buffer requirement	Countercyclical buffer amount
Geographical breakdown	(%)	(\$m)	(%)	(\$m)
Hong Kong	2.5	30,291		
Sweden	2.0	197		
United Kingdom	1.0	6,677		
Others		185,336		
Total		222,501	0.4	1,125

The Basel III countercyclical capital buffer is calculated as the weighted average of the buffers in effect in the jurisdictions to which banks have private sector credit exposures, subject to the relevant transitional caps under MAS Notice 637. The Group attributes private sector credit exposures to jurisdictions based primarily on the jurisdiction of risk of each obligor or, if applicable, its guarantor. The determination of an obligor's jurisdiction of risk is based on the look-through approach taking into consideration factors such as the economic activity and availability of parental support.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5 COMPOSITION OF CAPITAL

5.1 Financial Statements and Regulatory Scope of Consolidation

\$m	30 Jun 2019	
	Amount	Cross Reference to Section 5.2
ASSETS		
Cash and balances with central banks	18,921	
Government securities and treasury bills	51,815	
Due from banks	43,679	
Derivatives	16,887	
Bank and corporate securities	61,497	
of which: PE/VC investments held beyond the relevant holding periods	1	a
Loan and advances to customers	350,474	
of which: Total allowances admitted as eligible T2 Capital	(1,661)	b
Other assets	14,183	
of which: Deferred tax assets	289	c
Re-grossing of deferred tax assets and deferred tax liabilities as required under MAS Notice 637	152	d
Associates	845	
of which: Goodwill on acquisition ⁽¹⁾	15	e
Properties and other fixed assets	3,180	
Goodwill and intangibles	5,170	
of which: Goodwill	5,170	f
of which: Intangibles	-	g
TOTAL ASSETS	566,651	
LIABILITIES		
Due to banks	26,999	
Deposits and balances from customers	391,301	
Derivatives	16,957	
Other liabilities	23,742	
Re-grossing of deferred tax assets and deferred tax liabilities as required under MAS Notice 637	152	
Other debt securities	53,912	
Subordinated term debts	3,572	h
TOTAL LIABILITIES	516,483	
NET ASSETS	50,168	

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.1 Financial Statements and Regulatory Scope of Consolidation (continued)

\$m	30 Jun 2019	
	Amount	Cross Reference to Section 5.2
EQUITY		
Share capital	10,978	
of which: Amount eligible as CET1 Capital	11,205	i
of which: Treasury shares	(227)	j
Other equity instruments	2,009	k
Other reserves	3,942	l
of which: Cash flow hedge reserve	117	m
Revenue reserves	32,421	n
of which: Regulatory loss allowance reserves	461	o
of which: Unrealised fair value gains/losses on financial liabilities and derivative liabilities arising from changes in own credit risk	(35)	p
SHAREHOLDERS' FUNDS	49,350	
Non-controlling interests	818	
of which: Eligible for recognition as CET1 Capital under transitional arrangements	6	q
of which: Eligible for recognition as AT1 Capital under transitional arrangements	592	r
of which: Eligible for recognition as T2 Capital under transitional arrangements	31	s
TOTAL EQUITY	50,168	

⁽¹⁾ Not adjusted for subsequent share of losses or impairment losses (Refer to page A-5).

The Group's regulatory scope of consolidation is identical to its accounting scope of consolidation.

There were no significant movements in the expanded balance sheet items in the first half of 2019.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.2 Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet

The following disclosure is made according to the template prescribed in MAS Notice 637 Annex 11B.

The alphabetic cross-references in the column “Cross Reference to Section 5.1” relate to those used in the balance sheet reconciliation in Section 5.1.

Row 64 “Bank-specific buffer requirement” and row 68 “Common Equity Tier 1 available after meeting the Reporting Bank’s minimum capital requirements” are not directly comparable. Row 64 is the sum of row 69 and rows 65 to 67. Row 68 is the CET1 CAR, less the minimum CET1 CAR requirement (Row 69) and any CET1 CAR used to meet the Tier 1 and Total capital requirements, expressed as a percentage of risk-weighted assets.

		30 Jun 2019	
\$m		Amount	Cross Reference to Section 5.1
Common Equity Tier 1 capital: instruments and reserves			
1	Paid-up ordinary shares and share premium (if applicable)	11,205	i
2	Retained earnings	31,960	n-o
3 [#]	Accumulated other comprehensive income and other disclosed reserves	3,715	j+l
4	Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)	-	
5	Minority interest that meets criteria for inclusion	6	q
6	Common Equity Tier 1 capital before regulatory adjustments	46,886	
Common Equity Tier 1 capital: regulatory adjustments			
7	Valuation adjustment pursuant to Part VIII of MAS Notice 637	5	
8	Goodwill, net of associated deferred tax liability	5,185	e+f
9 [#]	Intangible assets, net of associated deferred tax liability	-	g
10 [#]	Deferred tax assets that rely on future profitability	441	c+d
11	Cash flow hedge reserve	117	m
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 changes in own credit risk	(35)	p
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	-	
18	Investments in ordinary shares of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake	-	
19	Investments in ordinary shares of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries) (amount above 10% threshold)	-	
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	1	

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

30 Jun 2019

\$m		Amount	Cross Reference to Section 5.1
26A	PE/VC investments held beyond the relevant holding periods set out in MAS Notice 630	1	a
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	5,714	
29	Common Equity Tier 1 capital (CET1)	41,172	
Additional Tier 1 capital: instruments			
30	AT1 capital instruments and share premium (if applicable)	2,009	k
31	of which: classified as equity under the Accounting Standards	2,009	
32	of which: classified as liabilities under the Accounting Standards	-	
33	Transitional: Ineligible capital instruments (pursuant to paragraphs 6.5.3 and 6.5.4)	-	
34	AT1 capital instruments issued by fully-consolidated subsidiaries that meet criteria for inclusion	592	r
35	of which: instruments issued by subsidiaries subject to phase out	592	
36	Additional Tier 1 capital before regulatory adjustments	2,601	
Additional Tier 1 capital: regulatory adjustments			
37	Investments in own AT1 capital instruments	-	
38	Reciprocal cross-holdings in AT1 capital instruments of financial institutions	-	
39	Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank does not hold a major stake	-	
40	Investments in AT1 capital instruments of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries)	-	
41	National specific regulatory adjustments which the Authority may specify	-	
42	Regulatory adjustments applied in calculation of AT1 Capital due to insufficient Tier 2 Capital to satisfy required deductions	-	
43	Total regulatory adjustments to Additional Tier 1 capital	-	
44	Additional Tier 1 capital (AT1)	2,601	
45	Tier 1 capital (T1 = CET1 + AT1)	43,773	
Tier 2 capital: instruments and provisions			
46	Tier 2 capital instruments and share premium (if applicable)	3,572	h
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	31	s
49	of which: instruments issued by subsidiaries subject to phase out	31	
50	Provisions	1,661	b
51	Tier 2 capital before regulatory adjustments	5,264	

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

30 Jun 2019

Cross
Reference to
Section 5.1

\$m

Amount

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)	5,264	
59	Total capital (TC = T1 + T2)	49,037	
60	Floor-adjusted total risk weighted assets	302,445	
Capital ratios (as a percentage of floor-adjusted risk weighted assets)			
61	Common Equity Tier 1 CAR	13.6%	
62	Tier 1 CAR	14.5%	
63	Total CAR	16.2%	
64	Bank-specific buffer requirement	9.4%	
65	of which: capital conservation buffer requirement	2.5%	
66	of which: bank specific countercyclical buffer requirement	0.4%	
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	6.2%	
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	2,369	
73	Investments in ordinary shares of unconsolidated financial institutions in which the Reporting Bank holds a major stake (including insurance subsidiaries)	305	
74	Mortgage servicing rights (net of associated deferred tax liability)	-	
75	Deferred tax assets arising from temporary differences (net of associated deferred tax liability)	-	

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

		30 Jun 2019	Cross Reference to Section 5.1
\$m		Amount	
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)	541	
77	Cap on inclusion of provisions in Tier 2 under standardised approach	551	
78	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	1,500	
79	Cap for inclusion of provisions in Tier 2 under internal ratings-based approach	1,120	
Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2013 and 1 Jan 2022)			
80	Current cap on CET1 instruments subject to phase out arrangements	-	
81	Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	-	
82	Current cap on AT1 instruments subject to phase out arrangements	1,249	
83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	-	
84	Current cap on T2 instruments subject to phase out arrangements	1,652	
85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-	

For regulatory adjustments, deductions from capital are reported as positive numbers and additions to capital are reported as negative numbers.

Items marked with a hash [#] are elements where a more conservative definition has been applied in MAS Notice 637 relative to those set out under the Basel III capital standards.

Deferred tax assets relating to temporary differences in excess of specified thresholds c.f. row 21 and 25 are to be deducted under the Basel Committee capital rules (paragraph 69). Under MAS Notice 637, they are deducted in full. If the Basel Committee capital rules were to be applied, eligible capital would have been \$0.4 billion and risk-weighted assets \$0.9 billion higher.

Movements in the AT1 capital instruments in the first half of 2019 was mainly due to the redemption of \$805 million 4.70% Non-Cumulative Non-Convertible Perpetual Capital Securities.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.3 Main Features of Capital Instruments

The following disclosures are made solely 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 transaction documents available at <http://www.dbs.com/investor/capital-disclosures.html>. This includes the issuances made over the previous period.

Since 31 December 2018, the Group has not issued any new capital instrument.

30 Jun 2019		DBS Group Holdings Ltd Ordinary Shares	US\$750,000,000 3.60% Non-Cumulative Non-Convertible Perpetual Capital Securities First Callable in 2021
1	Issuer	DBS Group Holdings Ltd	DBS Group Holdings Ltd
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	SGX Name: DBS GROUP HOLDINGS LTD ISIN Code: SG1L01001701	SGX Name: DBSGrp 3.6%PerCapSec S ISIN Code: XS1484844656
3	Governing law(s) of the instrument	Singapore	England: Trust Deed Singapore: Subordination
4	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/Group & Solo	Group	Group
7	Instrument type (types to be specified by each jurisdiction)	Ordinary Shares	Non-Cumulative Non-Convertible Perpetual Capital Securities
8	Amount recognized in regulatory capital (Currency in millions, as of most recent reporting date)	S\$11,205 million	S\$1,009 million
9	Par value of instrument	NA	US\$750 million
10	Accounting classification	Shareholders' equity	Shareholders' equity
11	Original date of issuance	9 Mar 1999	7 Sep 2016
12	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	NA	07 Sep 2021
	Contingent call dates	NA	Change of Qualification Event, or Tax Event
	Redemption amount	NA	Principal amount together with, subject to certain conditions, accrued but unpaid Distributions
16	Subsequent call dates, if applicable	NA	Optional - Any Distribution Payment Date after 7 Sep 2021
Coupons/dividends			
17	Fixed or floating dividend/coupon	Discretionary dividend amount	Fixed to floating
18	Coupon rate and any related index	NA	3.60% p.a. up to 7 Sep 2021. 5Y USD Swap Rate plus 2.39% p.a. thereafter, reset every 5 years
19	Existence of a dividend stopper	NA	Yes
20	Fully discretionary, partially discretionally or mandatory	Fully discretionary	Fully discretionary
21	Existence of step up or incentive to redeem	No	No
22	Noncumulative or cumulative	Noncumulative	Noncumulative
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	No	Yes
31	If write-down, write-down trigger(s)	NA	Contractual write-down. 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 or the DBS Group 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 or the DBS Group 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)	Immediately subordinated to Additional Tier 1 capital instruments	Immediately subordinated to Tier 2 capital instruments
36	Non-compliant transitioned features	No	No
37	If yes, specify non-compliant features	NA	NA

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.3 Main Features of Capital Instruments (continued)

30 Jun 2019		\$S\$1,000,000,000 3.98% Non-Cumulative Non-Convertible Perpetual Capital Securities First Callable in 2025	\$S\$800,000,000 4.70% Non-Cumulative, Non-Convertible, Non-Voting Preference Shares Callable in 2020
1	Issuer	DBS Group Holdings Ltd	DBS Bank Ltd.
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	SGX Name: DBSGrp 3.98%PerCapSec S ISIN Code: SGXF11720293	SGX Name: DBS \$S\$800M 4.7% NCPs ISIN Code: SG2C54964409
3	Governing law(s) of the instrument	Singapore	Singapore
4	Transitional Basel III rules	Additional Tier 1	Additional Tier 1
5	Post-transitional Basel III rules	Additional Tier 1	Ineligible
6	Eligible at Solo/Group/Group & Solo	Group	Solo and Group
7	Instrument type (types to be specified by each jurisdiction)	Non-Cumulative Non-Convertible Perpetual Capital Securities	Preference Shares
8	Amount recognized in regulatory capital (Currency in millions, as of most recent reporting date)	\$S\$1,000 million	\$S\$592 million
9	Par value of instrument	\$S\$1,000 million	\$S\$800 million
10	Accounting classification	Shareholders' equity	Non-controlling interest in consolidated subsidiary
11	Original date of issuance	12 Sep 2018	22 Nov 2010
12	Perpetual or dated	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	Yes	Yes
15	Optional call date	12 Sep 2025	22 Nov 2020
	Contingent call dates	Change of Qualification Event, or Tax Event	Change of Qualification Event, or Tax Event
	Redemption amount	Principal amount together with, subject to certain conditions, accrued but unpaid Distributions	Liquidation Preference together with, subject to certain limitations and qualifications, accrued but unpaid Dividends
16	Subsequent call dates, if applicable	Optional - Any Distribution Payment Date after 12 Sep 2025	Optional - Any date after 22 Nov 2020
Coupons/dividends			
17	Fixed or floating dividend/coupon	Fixed to floating	Fixed
18	Coupon rate and any related index	3.98% p.a. up to 12 Sep 2025. 7Y SGD Swap Rate plus 1.65% p.a. thereafter, reset every 7 years	4.70% p.a.
19	Existence of a dividend stopper	Yes	Yes
20	Fully discretionary, partially discretionally or mandatory	Fully discretionary	Fully discretionary
21	Existence of step up or incentive to redeem	No	No
22	Noncumulative or cumulative	Noncumulative	Noncumulative
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	No
31	If write-down, write-down trigger(s)	Contractual write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS	NA
32	If write-down, full or partial	Fully or partially	NA
33	If write-down, permanent or temporary	Permanent	NA
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)	Immediately subordinated to Tier 2 capital instruments	Immediately subordinated to Tier 2 capital instruments
36	Non-compliant transitioned features	No	Yes
37	If yes, specify non-compliant features	NA	Has no loss-absorbency at point of non-viability

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.3 Main Features of Capital Instruments (continued)

30 Jun 2019		S\$250,000,000 3.80% Subordinated Notes due 2028 Callable in 2023 issued pursuant to the US\$30,000,000,000 Global Medium Term Note Programme	JPY10,000,000,000 0.918% Subordinated Notes due 2026 issued pursuant to the US\$30,000,000,000 Global Medium Term Note Programme
1	Issuer	DBS Group Holdings Ltd	DBS Group Holdings Ltd
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	SGX Name: DBS GRP S\$250M3.8% N280120 ISIN Code: SG71A5000002	ISIN Code: XS1376555865
3	Governing law(s) of the instrument	Singapore	Singapore
4	Transitional Basel III rules	Tier 2	Tier 2
5	Post-transitional Basel III rules	Tier 2	Tier 2
6	Eligible at Solo/Group/Group & Solo	Group	Group
7	Instrument type (types to be specified by each jurisdiction)	Subordinated Notes	Subordinated Notes
8	Amount recognized in regulatory capital (Currency in millions, as of most recent reporting date)	S\$259 million	S\$127 million
9	Par value of instrument	S\$250 million	JPY10,000 million
10	Accounting classification	Liability - amortised cost	Liability - amortised cost
11	Original date of issuance	20 Jan 2016	8 Mar 2016
12	Perpetual or dated	Dated	Dated
13	Original maturity date	20 Jan 2028	8 Mar 2026
14	Issuer call subject to prior supervisory approval	Yes	Yes
	Optional call date	20 Jan 2023	NA
15	Contingent call dates	Change of Qualification Event, or Tax Event	Change of Qualification Event, or Tax Event
	Redemption amount	Principal amount together with accrued but unpaid interest	Principal amount together with accrued but unpaid interest
16	Subsequent call dates, if applicable	Optional – Any Interest Payment Date after 20 Jan 2023	NA
Coupons/dividends			
17	Fixed or floating dividend/coupon	Fixed	Fixed
18	Coupon rate and any related index	3.80% p.a. up to 20 Jan 2023. 5Y SGD SOR plus 1.10% p.a. thereafter, 1-time reset	0.918% p.a.
19	Existence of a dividend stopper	No	No
20	Fully discretionary, partially discretionally or mandatory	Mandatory	Mandatory
21	Existence of step up or incentive to redeem	No	No
22	Noncumulative or cumulative	Cumulative	Cumulative
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 write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS	Contractual write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS
32	If write-down, full or partial	Fully or partially	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)	Immediately subordinated to senior creditors	Immediately subordinated to senior creditors
36	Non-compliant transitioned features	No	No
37	If yes, specify non-compliant features	NA	NA

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.3 Main Features of Capital Instruments (continued)

30 Jun 2019		HK\$1,500,000,000 3.24% Subordinated Notes due 2026 Callable in 2021 issued pursuant to the US\$30,000,000,000 Global Medium Term Note Programme	A\$750,000,000 Floating Rate Subordinated Notes due 2028 Callable in 2023 issued pursuant to the U.S.\$30,000,000,000 Global Medium Term Note Programme
1	Issuer	DBS Group Holdings Ltd	DBS Group Holdings Ltd
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	SGX Name: DBS GRP HKD1.5B3.24% N260419 ISIN Code: XS1397782860	SGX Name: DBS GRP A\$750M F280316 ISIN Code: AU3FN0041406
3	Governing law(s) of the instrument	Singapore	Singapore
4	Transitional Basel III rules	Tier 2	Tier 2
5	Post-transitional Basel III rules	Tier 2	Tier 2
6	Eligible at Solo/Group/Group & Solo	Group	Group
7	Instrument type (types to be specified by each jurisdiction)	Subordinated Notes	Subordinated Notes
8	Amount recognized in regulatory capital (Currency in millions, as of most recent reporting date)	S\$258 million	S\$711 million
9	Par value of instrument	HK\$1,500 million	A\$750 million
10	Accounting classification	Liability - amortised cost	Liability - amortised cost
11	Original date of issuance	19 Apr 2016	16 Mar 2018
12	Perpetual or dated	Dated	Dated
13	Original maturity date	19 Apr 2026	16 Mar 2028
14	Issuer call subject to prior supervisory approval	Yes	Yes
15	Optional call date	19 Apr 2021	16 Mar 2023
	Contingent call dates	Change of Qualification Event, or Tax Event	Change of Qualification Event, or Tax Event
	Redemption amount	Principal amount together with accrued but unpaid interest	Principal amount together with accrued but unpaid interest
16	Subsequent call dates, if applicable	Optional – Any Interest Payment Date after 19 Apr 2021	Optional – Any Interest Payment Date after 16 Mar 2023
Coupons/dividends			
17	Fixed or floating dividend/coupon	Fixed	Floating
18	Coupon rate and any related index	3.24% p.a. up to 19 Apr 2021. 5Y HKD Swap Rate plus 1.90% p.a. thereafter, 1-time reset	3 month BBSW + 158 bps up to maturity
19	Existence of a dividend stopper	No	No
20	Fully discretionary, partially discretionally or mandatory	Mandatory	Mandatory
21	Existence of step up or incentive to redeem	No	No
22	Noncumulative or cumulative	Cumulative	Cumulative
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 write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS	Contractual write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS
32	If write-down, full or partial	Fully or partially	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)	Immediately subordinated to senior creditors	Immediately subordinated to senior creditors
36	Non-compliant transitioned features	No	No
37	If yes, specify non-compliant features	NA	NA

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.3 Main Features of Capital Instruments (continued)

30 Jun 2019		EUR600,000,000 1.5% Subordinated Notes due 2028 Callable in 2023 issued pursuant to the U.S.\$30,000,000,000 Global Medium Term Note Programme	RMB950,000,000 5.25% Subordinated Notes due 2028 Callable in 2023 issued pursuant to the U.S.\$30,000,000,000 Global Medium Term Note Programme
1	Issuer	DBS Group Holdings Ltd	DBS Group Holdings Ltd
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	SGX Name: DBS GRP EUR600M1.5%N280411 ISIN Code: XS1802465846	SGX Name: DBS GRP RMB950M5.25%N280515 ISIN Code: XS1821439368
3	Governing law(s) of the instrument	Singapore	Singapore
4	Transitional Basel III rules	Tier 2	Tier 2
5	Post-transitional Basel III rules	Tier 2	Tier 2
6	Eligible at Solo/Group/Group & Solo	Group	Group
7	Instrument type (types to be specified by each jurisdiction)	Subordinated Notes	Subordinated Notes
8	Amount recognized in regulatory capital (Currency in millions, as of most recent reporting date)	S\$922 million	S\$187 million
9	Par value of instrument	EUR600 million	RMB950 million
10	Accounting classification	Liability - amortised cost	Liability - amortised cost
11	Original date of issuance	11 Apr 2018	15 May 2018
12	Perpetual or dated	Dated	Dated
13	Original maturity date	11 Apr 2028	15 May 2028
14	Issuer call subject to prior supervisory approval	Yes	Yes
15	Optional call date	11 Apr 2023	15 May 2023
	Contingent call dates	Change of Qualification Event, or Tax Event	Change of Qualification Event, or Tax Event
	Redemption amount	Principal amount together with accrued but unpaid interest	Principal amount together with accrued but unpaid interest
16	Subsequent call dates, if applicable	Optional – Any Interest Payment Date after 11 Apr 2023	Optional – Any Interest Payment Date after 15 May 2023
Coupons/dividends			
17	Fixed or floating dividend/coupon	Fixed	Fixed
18	Coupon rate and any related index	1.50% p.a. up to 11 Apr 2023, 5Y EUR Mid-Swap Rate + 120 bp p.a. thereafter, 1-time reset	5.25% p.a.
19	Existence of a dividend stopper	No	No
20	Fully discretionary, partially discretionally or mandatory	Mandatory	Mandatory
21	Existence of step up or incentive to redeem	No	No
22	Noncumulative or cumulative	Cumulative	Cumulative
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 write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS	Contractual write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS
32	If write-down, full or partial	Fully or partially	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)	Immediately subordinated to senior creditors	Immediately subordinated to senior creditors
36	Non-compliant transitioned features	No	No
37	If yes, specify non-compliant features	NA	NA

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

5.3 Main Features of Capital Instruments (continued)

30 Jun 2019		USD750,000,000 4.52% Subordinated Notes due 2028 Callable in 2023 issued pursuant to the U.S.\$30,000,000,000 Global Medium Term Note Programme	JPY7,300,000,000 0.85% Subordinated Notes due 2028 Callable in 2023 issued pursuant to the U.S.\$30,000,000,000 Global Medium Term Note Programme
1	Issuer	DBS Group Holdings Ltd	DBS Group Holdings Ltd
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	SGX Name: DBS GRP US\$750M4.52%N281211A/ N281211R ISIN Code: US24023MAA27/ US24023NAA00	ISIN Code: XS1844087087
3	Governing law(s) of the instrument	Singapore	Singapore
4	Transitional Basel III rules	Tier 2	Tier 2
5	Post-transitional Basel III rules	Tier 2	Tier 2
6	Eligible at Solo/Group/Group & Solo	Group	Group
7	Instrument type (types to be specified by each jurisdiction)	Subordinated Notes	Subordinated Notes
8	Amount recognized in regulatory capital (Currency in millions, as of most recent reporting date)	S\$1,014 million	S\$94 million
9	Par value of instrument	USD750 million	JPY7,300 million
10	Accounting classification	Liability - amortised cost	Liability - amortised cost
11	Original date of issuance	11 Jun 2018	25 Jun 2018
12	Perpetual or dated	Dated	Dated
13	Original maturity date	11 Dec 2028	25 Jun 2028
14	Issuer call subject to prior supervisory approval	Yes	Yes
15	Optional call date	11 Dec 2023	25 Jun 2023
	Contingent call dates	Change of Qualification Event, or Tax Event	Change of Qualification Event, or Tax Event
	Redemption amount	Principal amount together with accrued but unpaid interest	Principal amount together with accrued but unpaid interest
16	Subsequent call dates, if applicable	Optional – Any Interest Payment Date after 11 Dec 2023	Optional – Any Interest Payment Date after 25 June 2023
Coupons/dividends			
17	Fixed or floating dividend/coupon	Fixed	Fixed
18	Coupon rate and any related index	4.52% p.a. up to 11 Dec 2023. 5-year USD Mid-Swap Rate plus 159 bp p.a. thereafter, 1-time reset	0.85% p.a. up to 25 June 2023. 6-month JPY Libor + 74.375bp p.a. thereafter, 1-time reset
19	Existence of a dividend stopper	No	No
20	Fully discretionary, partially discretionally or mandatory	Mandatory	Mandatory
21	Existence of step up or incentive to redeem	No	No
22	Noncumulative or cumulative	Cumulative	Cumulative
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 write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS	Contractual write-down. 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 or the DBS Group 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 or the DBS Group would have become non-viable, as determined by the MAS
32	If write-down, full or partial	Fully or partially	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)	Immediately subordinated to senior creditors	Immediately subordinated to senior creditors
36	Non-compliant transitioned features	No	No
37	If yes, specify non-compliant features	NA	NA

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

6 LEVERAGE RATIO

The following tables provide the breakdown of the Group's leverage ratio regulatory elements and a reconciliation of the Group's balance sheet assets with the leverage ratio exposure measure.

Leverage Ratio Common Disclosure Template

Item	Amount ⁽¹⁾ (\$m)		
	30 Jun 2019	31 Mar 2019	
Exposure measures of on-balance sheet items			
1	On-balance sheet items (excluding derivative transactions and SFTs, but including on-balance sheet collateral for derivative transactions or SFTs)	530,364	519,979
2	Asset amounts deducted in determining Tier 1 capital	(5,749)	(5,697)
3	Total exposure measures of on-balance sheet items (excluding derivative transactions and SFTs)	524,615	514,282
Derivative exposure measures			
4	Replacement cost associated with all derivative transactions (net of the eligible cash portion of variation margins)	7,570	7,187
5	Potential future exposure associated with all derivative transactions	16,914	16,315
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	-	-
8	CCP leg of trade exposures excluded	-	-
9	Adjusted effective notional amount of written credit derivatives	3,402	3,488
10	Further adjustments in effective notional amounts and deductions from potential future exposures of written credit derivatives	-	-
11	Total derivative exposure measures	27,886	26,990
SFT exposure measures			
12	Gross SFT assets (with no recognition of accounting netting), after adjusting for sales accounting	19,433	23,595
13	Eligible netting of cash payables and cash receivables	-	-
14	SFT counterparty exposures	120	175
15	SFT exposure measures where a Reporting Bank acts as an agent in the SFTs	-	-
16	Total SFT exposure measures	19,553	23,770
Exposure measures of off-balance sheet items			
17	Off-balance sheet items at notional amount	313,020	301,255
18	Adjustments for calculation of exposure measures of off-balance sheet items	(253,524)	(245,182)
19	Total exposure measures of off-balance sheet items	59,496	56,073
Capital and Total exposures			
20	Tier 1 capital	43,773	45,252
21	Total exposures	631,550	621,115
Leverage Ratio			
22	Leverage Ratio	6.9%	7.3%

⁽¹⁾ Leverage ratio is computed using quarter-end balances.

The Group's leverage ratio as at 30 June 2019 decreased by 0.4 percentage point to 6.9% as compared to the previous quarter due to decline in Tier 1 Capital and increase in total exposures. The ratio is well above the 3% minimum requirement.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

Leverage Ratio Summary Comparison Table

		30 Jun 2019
		Amount⁽¹⁾
Item		(\$m)
1	Total consolidated assets as per published financial statements	566,651
2	Adjustment for investments in entities that are consolidated for accounting purposes but are outside the regulatory scope of consolidation	-
3	Adjustment for fiduciary assets recognised on the balance sheet in accordance with the Accounting Standards but excluded from the calculation of the exposure measure	-
4	Adjustment for derivative transactions	10,999
5	Adjustment for SFTs	120
6	Adjustment for off-balance sheet items	59,496
7	Other adjustments	(5,716)
8	Exposure measure	631,550

⁽¹⁾ Leverage ratio is computed using quarter-end balances.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

7 OVERVIEW OF RISK-WEIGHTED ASSETS

The following table sets out the Group's RWA and capital requirements.

\$m	a		b		c	
	RWA				Minimum capital requirements ⁽¹⁾	
	30 Jun 2019	31 Mar 2019			30 Jun 2019	
1	Credit risk (excluding CCR)	231,472	229,502			23,148
2	<i>of which: Standardised Approach</i>	41,956	40,313			4,196
3	<i>of which: F-IRBA</i>	139,455	138,476			13,946
4	<i>of which: supervisory slotting approach</i>	39,301	39,946			3,930
5	<i>of which: A-IRBA</i>	10,760	10,767			1,076
6	CCR	9,875	9,632			987
7	<i>of which: Current Exposure Method</i>	7,951	7,397			795
8	<i>of which: CCR Internal Models Method</i>	-	-			-
9	<i>of which: other CCR</i>	1,233	1,484			123
9a	<i>of which: CCP</i>	691	751			69
10	CVA	6,411	6,084			641
11	Equity exposures under the simple risk weight method	-	-			-
11a	Equity exposures under the IMM	-	-			-
12	Equity investments in funds – look-through approach	112	121			11
13	Equity investments in funds – mandate-based approach	22	22			2
14	Equity investments in funds – fall-back approach	#	#			#
14a	Equity investment in funds – partial use of an approach	-	-			-
15	Unsettled transactions	92	72			9
16	Securitisation exposures in banking book	948	770			95
17	<i>of which: SEC-IRBA</i>	-	-			-
18	<i>of which: SEC-ERBA, including IAA</i>	855	688			86
19	<i>of which: SEC-SA</i>	-	-			-
20	Market risk	30,895	28,610			3,090
21	<i>of which: SA(MR)</i>	30,895	28,610			3,090
22	<i>of which: IMA</i>	-	-			-
23	Operational risk	21,857	21,401			2,186
24	Amounts below the thresholds for deduction (subject to 250% risk weight)	761	747			76
25	Floor adjustment	-	-			-
26	Total	302,445	296,961			30,245

Numbers below 0.5.

⁽¹⁾ Minimum capital requirements in this column correspond to 10% of the RWA in column "(a)" which is 2.0 percentage points higher than the Basel Committee's requirement.

Total risk-weighted assets increased in the second quarter of 2019 mainly driven by increase in credit and market risk-weighted assets. The increase in credit risk-weighted assets was mainly from exposure growth.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8 CREDIT RISK

8.1 Credit Quality of Assets

The following table provides an overview of the credit quality of the Group's on and off-balance sheet assets. Figures are based on carrying amounts as reported in the financial statements.

		30 Jun 2019						
		a	b	c	d	e	f	g
		Gross carrying amount of		Allowances and impairments	of which: allowances for standardised approach exposures		of which: allowances for IRBA exposures	Net values (a+b-c)
\$m		Defaulted exposures	Non-defaulted exposures		of which: specific allowances	of which: general allowances		
1	Loans ⁽¹⁾	5,482	397,363	4,980	185	451	4,344	397,865
2	Debt Securities	46	80,849	29	-	#	29	80,866
3	Off-balance sheet exposures	293	72,039	349	-	4	345	71,983
4	Total	5,821	550,251	5,358	185	455	4,718	550,714

		31 Dec 2018						
		a	b	c	d	e	f	g
		Gross carrying amount of		Impairment allowances	of which: allowances for standardised approach exposures		of which: allowances for IRBA exposures	Net values (a+b-c)
\$m		Defaulted exposures	Non-defaulted exposures		of which: specific allowances	of which: general allowances		
1	Loans ⁽¹⁾	5,311	391,487	4,732				392,066
2	Debt Securities	46	77,272	38				77,280
3	Off-balance sheet exposures	327	65,661	407				65,581
4	Total	5,684	534,420	5,177				534,927

A default is considered to have occurred with regard to a particular borrower when either or both of the following events have taken place:

- a) Subjective default: Borrower is considered to be unlikely to pay its credit obligations in full, without the Group taking action such as realising security (if held).
- b) Technical default: Borrower is more than 90 days past due on any credit obligation to the Group.

8.2 Changes in Stock of Defaulted Loans⁽¹⁾ and Debt Securities

The following table provides the changes in the Group's defaulted loans and debt securities (excluding off-balance sheet exposures), including any (i) return to non-defaulted status, and (ii) reduction in defaulted exposures due to write-off. Figures are based on carrying amounts as reported in the financial statements.

		30 Jun 2019
		a
1	Defaulted loans and debt securities at end of the previous semi-annual reporting period	5,357
2	Loans and debt securities that have defaulted since the previous semi-annual reporting period	603
3	Returned to non-defaulted status	(23)
4	Amounts written off	(182)
5	Other changes	(227)
6	Defaulted loans and debt securities at end of the semi-annual reporting period	5,528

Defaulted loans and debt securities increased marginally in the first half of 2019 as new defaulted loans and debt securities were partially offset by recoveries and write offs. "Other changes" (as shown above) include mainly recoveries and foreign exchange translation differences.

Numbers below 0.5.

⁽¹⁾ Loans include loans and advances to customers and other assets which give rise to credit exposures.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.3 Overview of CRM Techniques

The following table provides an overview on the Group's usage of CRM techniques.

		30 Jun 2019				
		a	b	c	d	e
\$m		Exposures unsecured	Exposures secured	Exposures secured by collateral	Exposures secured by financial guarantees	Exposures secured by credit derivatives
1	Loans	268,757	129,108	99,042	13,411	-
2	Debt securities	77,840	3,026	487	2,540	-
3	Total	346,597	132,134	99,529	15,951	-
4	Of which: defaulted	1,391	1,424	1,318	59	-

		31 Dec 2018				
		a	b	c	d	e
\$m		Exposures unsecured	Exposures secured	Exposures secured by collateral	Exposures secured by financial guarantees	Exposures secured by credit derivatives
1	Loans	266,502	125,564	97,831	13,886	-
2	Debt securities	74,740	2,540	490	2,050	-
3	Total	341,242	128,104	98,321	15,936	-
4	Of which: defaulted	1,288	1,561	1,446	72	-

The effects of credit risk mitigation techniques are presented in accordance with the requirements, including collateral eligibility and prescribed haircuts, outlined in MAS Notice 637. As such, the reported collateral value is a subset of the total collateral value and would have excluded, as an illustration, ineligible collateral types such as industrial properties located outside of Singapore, plant and machinery as well as the underlying assets financed through specialised lending.

The increase in the overall balances of loans and debt securities in the first half of 2019 was in line with the balance sheet growth.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.4 SA(CR) and SA(EQ) – Credit Risk Exposure and CRM Effects

The following table provides the effects of CRM on the calculation of the Group's capital requirements for SA(CR).

		30 Jun 2019					
		a	b	c	d	e	f
		Exposures before CCF and CRM		Exposures post-CCF and post-CRM		RWA and RWA density ⁽¹⁾	
		On-balance sheet amount (\$m)	Off-balance sheet amount (\$m)	On-balance sheet amount (\$m)	Off-balance sheet amount (\$m)	RWA (\$m)	RWA density (%)
Asset classes and others							
1	Cash items	4,112	-	4,112	-	12	#
2	Central government and central bank	80	-	81	-	#	#
3	PSE	182	-	545	1	255	47
4	MDB	4,854	-	4,854	-	7	#
5	Bank	221	1	264	#	114	43
6	Corporate	9,227	19,350	7,109	212	7,310	100
7	Regulatory retail	2,372	485	2,354	37	1,793	75
8	Residential mortgage	10,678	1,580	10,547	296	3,888	36
9	CRE	580	301	571	22	593	100
10	Equity - SA(EQ)	2,747	-	2,747	-	4,407	160
11	Past due exposures	411	#	411	-	533	130
12	Higher-risk categories	-	-	-	-	-	-
13	Other exposures	29,608	77,238	22,925	119	23,044	100
14	Total	65,072	98,955	56,520	687	41,956	73

		31 Dec 2018					
		a	b	c	d	e	f
		Exposures before CCF and CRM		Exposures post-CCF and post-CRM		RWA and RWA density ⁽¹⁾	
		On-balance sheet amount (\$m)	Off-balance sheet amount (\$m)	On-balance sheet amount (\$m)	Off-balance sheet amount (\$m)	RWA (\$m)	RWA density (%)
Asset classes and others							
1	Cash items	4,258	-	4,258	-	9	#
2	Central government and central bank	80	-	80	-	#	#
3	PSE	259	-	340	-	135	40
4	MDB	4,411	-	4,411	-	-	-
5	Bank	350	1	396	1	202	51
6	Corporate	9,508	18,473	7,750	174	7,914	100
7	Regulatory retail	2,381	493	2,313	43	1,767	75
8	Residential mortgage	10,821	1,423	10,772	210	3,994	36
9	CRE	648	298	643	20	663	100
10	Equity - SA(EQ)	2,125	-	2,125	-	3,411	161
11	Past due exposures	373	#	373	#	484	130
12	Higher-risk categories	-	-	-	-	-	-
13	Other exposures	25,018	74,225	19,778	109	19,887	100
14	Total	60,232	94,913	53,239	557	38,466	72

Numbers below 0.5.

⁽¹⁾ RWA density is calculated as total RWA divided by the exposures post-CCF and post-CRM, expressed as a percentage.

Increase in RWA density was mainly driven by adoption of Singapore Financial Reporting Standards (International) 16 Leases and increase in equity exposures.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.5 SA(CR) and SA(EQ) – Exposures by Asset Classes and Risk Weights

The following table provides the breakdown of Group's credit risk exposures under the SA(CR) and SA(EQ) by asset class and risk weight.

		30 Jun 2019									
		a	b	c	d	e	f	g	h	i	j
		Risk weight									Total credit exposure amount (post-CCF and post-CRM)
\$m	Asset class and others	0%	10%	20%	35%	50%	75%	100%	150%	Others	
1	Cash items	4,052	-	60	-	-	-	-	-	-	4,112
2	Central government and central bank	81	-	#	-	#	-	-	-	-	81
3	PSE	-	-	59	-	487	-	-	-	-	546
4	MDB	4,821	-	33	-	-	-	-	-	-	4,854
5	Bank	-	-	72	-	185	-	7	-	-	264
6	Corporate	-	-	2	-	19	-	7,300	-	-	7,321
7	Regulatory retail	-	-	-	-	-	2,391	-	-	-	2,391
8	Residential mortgage	-	-	-	10,672	-	74	97	-	-	10,843
9	CRE	-	-	-	-	-	-	593	-	-	593
10	Equity - SA(EQ)	-	-	-	-	-	-	-	-	2,747	2,747
11	Past due exposures	-	-	-	-	-	-	167	244	-	411
12	Higher-risk categories	-	-	-	-	-	-	-	-	-	-
13	Other exposures	-	-	-	-	-	-	23,044	-	-	23,044
14	Total	8,954	-	226	10,672	691	2,465	31,208	244	2,747	57,207

		31 Dec 2018									
		a	b	c	d	e	f	g	h	i	j
		Risk weight									Total credit exposure amount (post-CCF and post-CRM)
\$m	Asset class and others	0%	10%	20%	35%	50%	75%	100%	150%	Others	
1	Cash items	4,215	-	43	-	-	-	-	-	-	4,258
2	Central government and central bank	79	-	1	-	-	-	-	-	-	80
3	PSE	-	-	118	-	222	-	-	-	-	340
4	MDB	4,411	-	-	-	-	-	-	-	-	4,411
5	Bank	-	-	99	-	232	-	66	-	-	397
6	Corporate	-	-	3	-	15	-	7,906	-	-	7,924
7	Regulatory retail	-	-	-	-	-	2,356	-	-	-	2,356
8	Residential mortgage	-	-	-	10,712	-	100	170	-	-	10,982
9	CRE	-	-	-	-	-	-	663	-	-	663
10	Equity - SA(EQ)	-	-	-	-	-	-	-	-	2,125	2,125
11	Past due exposures	-	-	-	-	-	-	151	222	-	373
12	Higher-risk categories	-	-	-	-	-	-	-	-	-	-
13	Other exposures	-	-	-	-	-	-	19,887	-	-	19,887
14	Total	8,705	-	264	10,712	469	2,456	28,843	222	2,125	53,796

Numbers below 0.5.

Increase in exposures was mainly driven by adoption of Singapore Financial Reporting Standards (International) 16 Leases and increase in equity exposures.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.6 IRBA – Credit Risk Exposures by Portfolio and PD Range

The following tables provide the main parameters used to calculate the Group's capital requirements for its IRBA models⁽¹⁾.

8.6.1 Advanced IRBA

30 Jun 2019												
	a	b	c	d	e	f	g	h	i	j	k	l
PD Range (%)	Original on-balance sheet gross exposures (\$m)	Off-balance sheet exposures pre CCF (\$m)	Average CCF (%)	EAD post CRM and post-CCF (\$m)	Average PD (%)	Number of obligors ⁽²⁾	Average LGD (%)	Average maturity (years)	RWA (\$m)	RWA density ⁽³⁾ (%)	EL (\$m)	TEP (\$m)
Retail - QRRE												
0.00 to <0.15	339	6,508	35	2,591	0.09	383,801	84		131	5	2	
0.15 to <0.25	699	9,037	52	5,401	0.18	524,217	97		544	10	9	
0.25 to <0.50	880	4,282	46	2,851	0.38	330,792	91		488	17	10	
0.50 to <0.75	-	-	-	-	-	-	-		-	-	-	
0.75 to <2.50	1,303	4,870	52	3,830	1.53	391,439	95		2,026	53	56	
2.50 to <10.00	999	418	82	1,341	4.58	102,987	86		1,378	103	53	
10.00 to <100.00	528	110	120	660	22.54	39,826	92		1,627	246	136	
100.00 (Default) ⁽⁴⁾	195	-	-	195	100.00	23,186	92		-	-	180	
Sub-total	4,943	25,225	47	16,869	2.89	1,796,248	92		6,194	37	446	606
Retail - Residential mortgage												
0.00 to <0.15	15,180	3,298	100	18,479	0.14	22,423	11		658	4	3	
0.15 to <0.25	8,143	34	100	8,177	0.18	22,838	12		393	5	2	
0.25 to <0.50	34,469	348	100	34,817	0.27	74,845	11		2,068	6	11	
0.50 to <0.75	502	-	-	502	0.63	816	13		65	13	#	
0.75 to <2.50	2,177	805	100	2,982	0.94	8,873	11		420	14	3	
2.50 to <10.00	936	2	100	938	5.52	2,428	13		413	44	7	
10.00 to <100.00	401	3	100	404	24.79	1,121	12		306	76	12	
100.00 (Default) ⁽⁴⁾	148	#	100	148	100.00	437	27		-	-	41	
Sub-total	61,956	4,490	100	66,447	0.70	133,781	11		4,323	7	79	106
Other retail exposures												
0.00 to <0.15	-	-	-	-	-	-	-		-	-	-	
0.15 to <0.25	1,406	-	-	1,406	0.16	34,251	21		105	7	#	
0.25 to <0.50	911	-	-	911	0.28	14,132	18		87	10	#	
0.50 to <0.75	1	-	-	1	0.64	6	43		#	37	#	
0.75 to <2.50	136	-	-	136	1.16	3,461	24		37	27	#	
2.50 to <10.00	-	-	-	-	-	-	-		-	-	-	
10.00 to <100.00	23	-	-	23	14.92	591	29		14	61	1	
100.00 (Default) ⁽⁴⁾	1	-	-	1	100.00	29	46		-	-	#	
Sub-total	2,478	-	-	2,478	0.44	52,470	20		243	10	1	4
Total (all portfolios)	69,377	29,715	55	85,794	1.12	1,982,499	27		10,760	13	526	716

Numbers below 0.5.

⁽¹⁾ As at the reporting date, the Group does not have any credit derivative used as CRM in its Banking book.

⁽²⁾ Number of obligors or accounts used in the respective asset classes as per the Group's A-IRBA models.

⁽³⁾ For definition of RWA density, refer to footnote of 8.4.

⁽⁴⁾ For definition of default, refer to 8.1.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.6.1 Advanced IRBA (continued)

31 Dec 2018												
	a	b	c	d	e	f	g	h	i	j	k	l
PD Range (%)	Original on-balance sheet gross exposures (\$m)	Off-balance sheet exposures pre CCF (\$m)	Average CCF (%)	EAD post CRM and post-CCF (\$m)	Average PD (%)	Number of obligors ⁽²⁾	Average LGD (%)	Average maturity (years)	RWA (\$m)	RWA density ⁽³⁾ (%)	EL (\$m)	TEP (\$m)
Retail - QRRE												
0.00 to <0.15	628	12,824	51	7,139	0.12	669,235	93		508	7	8	
0.15 to <0.25	821	5,141	51	3,460	0.20	359,270	90		348	10	6	
0.25 to <0.50	544	2,663	41	1,646	0.42	219,475	85		287	17	6	
0.50 to <0.75	-	-	-	-	-	-	-		-	-	-	
0.75 to <2.50	1,261	4,677	61	4,108	1.53	355,832	93		2,148	52	59	
2.50 to <10.00	1,073	617	86	1,604	4.75	124,572	87		1,722	107	67	
10.00 to <100.00	528	102	80	610	20.54	39,658	92		1,447	237	114	
100.00 (Default) ⁽⁴⁾	191	-	-	191	100.00	24,287	92		-	-	177	
Sub-total	5,046	26,024	52	18,758	2.55	1,792,329	91		6,460	34	437	591
Retail - Residential mortgage												
0.00 to <0.15	16,223	3,448	100	19,671	0.14	23,826	11		701	4	3	
0.15 to <0.25	8,155	27	100	8,182	0.18	23,532	12		397	5	2	
0.25 to <0.50	34,827	477	100	35,305	0.27	74,893	11		2,105	6	11	
0.50 to <0.75	449	-	-	449	0.63	764	13		58	13	#	
0.75 to <2.50	2,294	359	100	2,653	0.82	8,646	11		359	14	3	
2.50 to <10.00	702	4	100	705	3.91	1,651	13		264	37	4	
10.00 to <100.00	371	1	100	373	24.86	1,017	12		282	76	11	
100.00 (Default) ⁽⁴⁾	137	#	100	138	100.00	446	26		-	-	36	
Sub-total	63,158	4,316	100	67,476	0.62	134,775	11		4,166	6	70	94
Other retail exposures												
0.00 to <0.15	-	-	-	-	-	-	-		-	-	-	
0.15 to <0.25	1,347	-	-	1,347	0.16	33,919	22		105	8	#	
0.25 to <0.50	874	-	-	874	0.28	13,528	19		86	10	#	
0.50 to <0.75	1	-	-	1	0.64	6	40		#	35	#	
0.75 to <2.50	130	-	-	130	1.16	3,447	26		38	29	#	
2.50 to <10.00	-	-	-	-	-	-	-		-	-	-	
10.00 to <100.00	23	-	-	23	15.14	611	33		16	69	1	
100.00 (Default) ⁽⁴⁾	2	-	-	2	100.00	38	46		-	-	1	
Sub-total	2,377	-	-	2,377	0.47	51,549	21		245	10	2	4
Total (all portfolios)	70,581	30,340	59	88,611	1.03	1,978,653	29		10,871	12	509	689

Numbers below 0.5.

⁽¹⁾ As at the reporting date, the Group does not have any credit derivative used as CRM in its Banking book.

⁽²⁾ Number of obligors or accounts used in the respective asset classes as per the Group's A-IRBA models.

⁽³⁾ For definition of RWA density, refer to footnote of 8.4.

⁽⁴⁾ For definition of default, refer to 8.1.

There were no material movements in the overall A-IRBA risk-weighted assets in the first half of 2019.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.6.2 Foundation IRBA

30 Jun 2019												
	a	b	c	d	e	f	g	h	i	j	k	l
PD Range (%)	Original on-balance sheet gross exposures (\$m)	Off-balance sheet exposures pre CCF (\$m)	Average CCF (%)	EAD post CRM and post-CCF (\$m)	Average PD (%)	Number of obligors	Average LGD (%)	Average maturity (years)	RWA (\$m)	RWA density ⁽¹⁾ (%)	EL (\$m)	TEP (\$m)
Sovereign												
0.00 to <0.15	49,674	12	87	52,056	0.01	22	45	2	3,611	7	2	
0.15 to <0.25	6	-	-	6	0.24	1	45	2	2	41	#	
0.25 to <0.50	4,924	-	-	4,924	0.38	5	45	2	2,993	61	8	
0.50 to <0.75	-	-	-	-	-	-	-	-	-	-	-	
0.75 to <2.50	63	-	-	63	1.76	7	45	2	70	111	#	
2.50 to <10.00	-	-	-	-	-	-	-	-	-	-	-	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	
Sub-total	54,667	12	87	57,049	0.04	35	45	2	6,676	12	10	15
Banks												
0.00 to <0.15	50,671	3,943	32	51,250	0.06	147	45	1	9,036	18	13	
0.15 to <0.25	1,321	51	47	1,346	0.24	27	48	1	714	53	2	
0.25 to <0.50	1,918	486	63	2,270	0.38	42	39	2	1,248	55	3	
0.50 to <0.75	1,411	144	40	1,468	0.61	15	35	1	802	55	3	
0.75 to <2.50	2,178	404	20	2,068	1.36	67	44	#	1,692	82	12	
2.50 to <10.00	153	80	3	155	3.05	12	45	#	170	110	2	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	
Sub-total	57,652	5,108	34	58,557	0.14	310	45	1	13,662	23	35	48
Corporate												
0.00 to <0.15	55,091	45,034	31	72,782	0.04	489	45	2	13,114	18	14	
0.15 to <0.25	33,611	28,478	24	40,200	0.22	391	45	2	17,072	42	40	
0.25 to <0.50	40,120	37,375	22	46,121	0.33	915	44	2	25,001	54	69	
0.50 to <0.75	14,739	11,958	20	16,696	0.56	688	44	2	11,531	69	41	
0.75 to <2.50	32,849	37,970	10	34,704	1.48	9,841	41	2	31,445	91	206	
2.50 to <10.00	7,895	3,719	7	7,621	4.49	2,685	39	2	9,561	125	133	
10.00 to <100.00	1,253	687	5	1,167	14.57	324	41	2	2,346	201	70	
100.00 (Default) ⁽²⁾	4,078	287	72	4,159	100.00	524	43	2	-	-	1,808	
Sub-total	189,636	165,508	21	223,450	2.48	15,857	44	2	110,070	49	2,381	3,354
Corporate small business												
0.00 to <0.15	70	495	3	85	0.05	1	45	1	9	10	#	
0.15 to <0.25	31	28	2	112	0.22	6	45	1	33	29	#	
0.25 to <0.50	656	774	9	768	0.34	166	42	2	333	43	1	
0.50 to <0.75	1,208	470	8	1,268	0.56	288	42	2	739	58	3	
0.75 to <2.50	4,959	1,974	11	5,131	1.61	1,430	40	3	4,376	85	33	
2.50 to <10.00	2,276	666	10	2,321	4.64	926	40	3	2,597	112	43	
10.00 to <100.00	490	87	11	544	16.17	146	40	2	960	176	36	
100.00 (Default) ⁽²⁾	343	#	50	334	100.00	109	42	1	-	-	141	
Sub-total	10,033	4,494	9	10,563	5.89	3,072	40	2	9,047	86	257	348
Total (all portfolios)	311,988	175,122	21	349,619	1.80	19,274	44	2	139,455	40	2,683	3,765

Numbers below 0.5.

⁽¹⁾ For definition of RWA density, refer to footnote of 8.4.

⁽²⁾ For definition of default, refer to 8.1.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.6.2 Foundation IRBA (continued)

	31 Dec 2018											
	a	b	c	d	e	f	g	h	i	j	k	l
PD Range (%)	Original on-balance sheet gross exposures (\$m)	Off-balance sheet exposures pre CCF (\$m)	Average CCF (%)	EAD post CRM and post-CCF (\$m)	Average PD (%)	Number of obligors	Average LGD (%)	Average maturity (years)	RWA (\$m)	RWA density ⁽¹⁾ (%)	EL (\$m)	TEP (\$m)
Sovereign												
0.00 to <0.15	51,224	12	87	52,602	0.02	19	45	2	4,912	9	4	
0.15 to <0.25	-	-	-	-	-	-	-	-	-	-	-	
0.25 to <0.50	4,859	-	-	4,859	0.38	6	45	2	2,616	54	8	
0.50 to <0.75	-	-	-	-	-	-	-	-	-	-	-	
0.75 to <2.50	96	-	-	96	1.76	4	45	2	111	116	1	
2.50 to <10.00	-	-	-	-	-	-	-	-	-	-	-	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	
Sub-total	56,179	12	87	57,557	0.05	29	45	2	7,639	13	13	18
Banks												
0.00 to <0.15	47,312	5,142	18	48,395	0.06	139	45	1	8,741	18	13	
0.15 to <0.25	1,558	41	48	1,576	0.24	26	47	1	750	48	2	
0.25 to <0.50	2,374	884	57	2,873	0.38	48	41	1	1,511	53	4	
0.50 to <0.75	1,617	278	36	1,725	0.61	15	37	1	991	57	4	
0.75 to <2.50	2,063	317	25	2,023	1.46	71	44	#	1,621	80	13	
2.50 to <10.00	208	24	20	196	3.06	11	45	#	208	106	3	
10.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-	
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	
Sub-total	55,132	6,686	24	56,788	0.16	310	45	1	13,822	24	39	52
Corporate												
0.00 to <0.15	57,457	36,086	28	71,289	0.05	485	45	2	13,027	18	14	
0.15 to <0.25	29,213	27,742	21	34,507	0.22	406	45	2	14,765	43	34	
0.25 to <0.50	38,084	38,427	20	44,932	0.33	839	44	2	24,456	54	67	
0.50 to <0.75	15,108	11,860	18	17,179	0.56	638	43	2	11,672	68	42	
0.75 to <2.50	30,579	32,448	11	31,528	1.53	8,015	41	2	28,723	91	196	
2.50 to <10.00	8,393	4,969	11	8,313	4.23	2,764	40	2	10,061	121	139	
10.00 to <100.00	1,528	391	28	1,442	13.83	348	41	2	2,883	200	82	
100.00 (Default) ⁽²⁾	3,933	324	69	4,017	100.00	540	43	2	-	-	1,739	
Sub-total	184,295	152,247	20	213,207	2.54	14,035	44	2	105,587	50	2,313	3,132
Corporate small business												
0.00 to <0.15	383	225	96	599	0.05	2	45	2	75	13	#	
0.15 to <0.25	34	317	1	86	0.22	6	45	1	27	31	#	
0.25 to <0.50	678	794	8	820	0.35	163	43	2	408	50	1	
0.50 to <0.75	938	495	16	1,023	0.56	328	41	3	686	67	2	
0.75 to <2.50	4,872	2,093	12	5,072	1.59	1,503	40	3	4,504	89	32	
2.50 to <10.00	2,024	663	9	2,029	4.36	878	40	2	2,267	112	35	
10.00 to <100.00	494	102	14	498	12.21	128	41	3	891	179	25	
100.00 (Default) ⁽²⁾	337	4	75	330	100.00	103	42	1	-	-	138	
Sub-total	9,760	4,693	15	10,457	5.44	3,111	41	3	8,858	85	233	316
Total (all portfolios)	305,366	163,638	20	338,009	1.80	17,485	44	2	135,906	40	2,598	3,518

Numbers below 0.5.

⁽¹⁾ For definition of RWA density, refer to footnote of 8.4.

⁽²⁾ For definition of default, refer to 8.1.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.6.2 Foundation IRBA (continued)

The RWA density was relatively stable in first half of 2019. Increase in total exposures was driven mainly by corporate asset class.

8.7 IRBA – Effect on RWA of Credit Derivatives used as CRM

As at the reporting date, the Group does not have any credit derivative used as CRM in its Banking book.

8.8 IRBA – RWA Flow Statement for Credit Risk Exposures

The following table explains the change in the Group's credit RWA under IRBA for the quarter.

		30 Jun 2019
		a
\$'m		RWA amounts
1	RWA as at end of previous quarter	189,189
2	Asset size	3,008
3	Asset quality ⁽¹⁾	(2,267)
4	Model updates	(105)
5	Methodology and Policy	-
6	Acquisitions and disposals	-
7	Foreign exchange movements	(309)
8	Other	-
9	RWA as at end of quarter	189,516

⁽¹⁾ This represents movements in RWA resulting from factors (other than exposure movements) such as changes in portfolio mix, tenor, credit risk mitigation, etc.

Total risk-weighted assets remained relatively stable during the quarter as increase in asset size (driven by overall exposure growth) was offset by better asset quality.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

8.9 IRBA – Specialised Lending and Equities under the Simple Risk Weight Method

8.9.1 IRBA – Specialised Lending (Other than HVCRE)⁽¹⁾

The following table provides the exposure amounts and RWA of the Group's specialised lending exposures by each asset sub-class in accordance with the supervisory slotting criteria.

30 Jun 2019											
Specialised lending ⁽²⁾											
\$m											
Other than HVCRE											
Regulatory categories	Remaining maturity	On-balance sheet amount	Off-balance sheet amount	Risk Weight	Exposure amount					RWA	Expected losses
					PF	OF	CF	IPRE	Total		
Strong	Less than 2.5 years	9,425	1,102	50%	140	-	-	9,894	10,034	5,318	-
	Equal to or more than 2.5 years	11,455	1,392	70%	2,078	208	-	9,987	12,273	9,107	49
Good	Less than 2.5 years	6,216	1,140	70%	458	85	-	6,390	6,933	5,144	28
	Equal to or more than 2.5 years	7,946	2,083	90%	1,213	246	-	7,883	9,342	8,912	75
Satisfactory		7,345	1,397	115%	1,358	79	-	6,456	7,893	9,622	221
Weak		407	98	250%	-	3	-	450	453	1,198	36
Default		230	5	0%	-	417	-	51	468	-	234
Total		43,024	7,217		5,247	1,038	-	41,111	47,396	39,301	643

31 Dec 2018											
Specialised lending ⁽²⁾											
\$m											
Other than HVCRE											
Regulatory categories	Remaining maturity	On-balance sheet amount	Off-balance sheet amount	Risk Weight	Exposure amount					RWA	Expected losses
					PF	OF	CF	IPRE	Total		
Strong	Less than 2.5 years	10,177	1,233	50%	256	-	-	10,585	10,841	5,746	-
	Equal to or more than 2.5 years	10,217	1,139	70%	2,366	220	-	8,369	10,955	8,128	44
Good	Less than 2.5 years	6,723	1,257	70%	547	86	-	6,739	7,372	5,470	29
	Equal to or more than 2.5 years	7,889	1,896	90%	1,194	258	-	7,790	9,242	8,816	74
Satisfactory		7,759	1,712	115%	1,323	93	-	7,150	8,566	10,443	240
Weak		465	98	250%	-	3	-	515	518	1,374	41
Default		238	5	0%	-	420	-	50	470	-	235
Total		43,468	7,340		5,686	1,080	-	41,198	47,964	39,977	663

⁽¹⁾ As at reporting date, the Group does not have any HVCRE exposures.

⁽²⁾ Specialised lending is a type of exposure typically towards an entity specifically created to finance or operate physical assets where the primary source of income and repayment of the obligation lies directly with the assets being financed.

There were no significant movements in the first half of 2019.

8.9.2 IRBA – Equities under the Simple Risk Weight Method

This disclosure is not applicable as the Group did not adopt the Simple Risk Weight Method (under IRBA) for its equity exposures.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

9 COUNTERPARTY CREDIT RISK ("CCR")

9.1 Analysis of CCR Exposure by Approach

The following table provides the methods used to calculate the Group's CCR capital requirements and the main parameters used for each method.

	30 Jun 2019					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	Effective EPE	α used for computing regulatory EAD	EAD (post-CRM)	RWA
\$m						
1 Current exposure method (for derivatives)	6,508	11,343			17,508	7,951
2 CCR internal models method (for derivatives and SFTs)			-		-	-
3 FC(SA) (for SFTs)					-	-
4 FC(CA) (for SFTs)					18,714	1,233
5 VaR for SFTs					-	-
6 Total						9,184

	31 Dec 2018					
	a	b	c	d	e	f
	Replacement cost	Potential future exposure	Effective EPE	α used for computing regulatory EAD	EAD (post-CRM)	RWA
\$m						
1 Current exposure method (for derivatives)	7,314	10,822			17,724	7,493
2 CCR internal models method (for derivatives and SFTs)			-		-	-
3 FC(SA) (for SFTs)					-	-
4 FC(CA) (for SFTs)					19,551	1,069
5 VaR for SFTs					-	-
6 Total						8,562

Increase in RWA in the first half of 2019 was mainly due to change in exposure mix.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

9.2 CVA Risk Capital Requirements

The Group adopts the standardised method to compute CVA risk capital requirements. The following table provides the exposure amount (post-CRM) and RWA.

\$m	30 Jun 2019	
	a	b
	EAD (post-CRM)	RWA
Total portfolios subject to the Advanced CVA capital requirement	-	-
1 (i) VaR component (including the three-times multiplier)		-
2 (ii) Stressed VaR component (including the three-times multiplier)		-
3 All portfolios subject to the Standardised CVA capital requirement	16,276	6,411
4 Total portfolios subject to the CVA capital requirement	16,276	6,411

\$m	31 Dec 2018	
	a	b
	EAD (post-CRM)	RWA
Total portfolios subject to the Advanced CVA capital requirement	-	-
1 (i) VaR component (including the three-times multiplier)		-
2 (ii) Stressed VaR component (including the three-times multiplier)		-
3 All portfolios subject to the Standardised CVA capital requirement	16,510	6,352
4 Total portfolios subject to the CVA capital requirement	16,510	6,352

There were no significant movements in the first half of 2019.

9.3 Credit Derivative Exposures

The following table provides the notional amounts (before any netting) and fair values of the Group's credit derivative exposures, broken down between credit derivatives bought or sold.

\$m	30 Jun 2019	
	a	b
	Protection bought	Protection sold
Notionals		
1 Single-name credit default swaps	8,255	9,360
2 Index credit default swaps	760	770
3 Total return swaps	8,230	-
4 Other credit derivatives	-	-
5 Total notionals	17,245	10,130
Fair values		
6 Positive fair value (asset)	14	211
7 Negative fair value (liability)	178	1

\$m	31 Dec 2018	
	a	b
	Protection bought	Protection sold
Notionals		
1 Single-name credit default swaps	7,593	9,128
2 Index credit default swaps	1,605	1,570
3 Total return swaps	7,406	-
4 Other credit derivatives	-	-
5 Total notionals	16,604	10,698
Fair values		
6 Positive fair value (asset)	42	155
7 Negative fair value (liability)	77	4

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

9.3 Credit Derivative Exposures (continued)

The decrease in the index credit derivative swaps (CDS) volume was due to the continual reduction in the use of index CDS for risk taking or hedging purposes. The increase in single name CDS trades was due to increase in trades executed with certain counterparties and thus the resulting hedges. The increase in total return swaps was due to an increase in demand from various customer segments for exposure to certain credit assets.

9.4 Standardised Approach – CCR Exposures by Portfolio and Risk Weights

The following table provides the breakdown of the Group's CCR exposure amounts (post-CRM) under SA(CR) by asset class and risk weight.

		30 Jun 2019								
		a	b	c	d	e	f	g	h	i
		Risk Weight								Total Credit Exposure
\$m	Asset Classes	0%	10%	20%	50%	75%	100%	150%	Others	Total Credit Exposure
1	Central government and central bank	-	-	-	-	-	-	-	-	-
2	PSE	-	-	-	-	-	-	-	-	-
3	MDB	777	-	-	2	-	-	-	-	779
4	Bank	-	-	1	#	-	#	-	-	1
6	Corporate	-	-	-	10	-	249	-	-	259
7	Regulatory retail	-	-	-	-	#	-	-	-	#
8	Other exposures	-	-	-	-	-	633	-	-	633
9	Total	777	-	1	12	#	882	-	-	1,672

		31 Dec 2018								
		a	b	c	d	e	f	g	h	i
		Risk Weight								Total Credit Exposure
\$m	Asset Classes	0%	10%	20%	50%	75%	100%	150%	Others	Total Credit Exposure
1	Central government and central bank	-	-	-	-	-	-	-	-	-
2	PSE	-	-	-	-	-	-	-	-	-
3	MDB	1,620	-	-	6	-	-	-	-	1,626
4	Bank	-	-	10	#	-	2	-	-	12
6	Corporate	-	-	-	10	-	239	-	-	249
7	Regulatory retail	-	-	-	-	#	-	-	-	#
8	Other exposures	-	-	-	-	-	601	-	-	601
9	Total	1,620	-	10	16	#	842	-	-	2,488

Numbers below 0.5.

The reduction in exposure during the first half of 2019 was mainly driven by lower replacement costs.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

9.5 IRBA – CCR Exposures by Portfolio and PD Range

The following table sets out the parameters used to calculate the Group's CCR capital requirements for IRBA models. The Group adopts F-IRBA for all of its IRBA exposures which are subject to CCR capital requirements.

	30 Jun 2019						
	a	b	c	d	e	f	g
PD Range (%)	EAD post CRM (\$m)	Average PD (%)	Number of obligors	Average LGD (%)	Average maturity (years)	RWA (\$m)	RWA density ⁽¹⁾ (%)
Sovereign							
0.00 to <0.15	1,580	0.01	10	16	#	19	1
0.15 to <0.25	-	-	-	-	-	-	-
0.25 to <0.50	245	0.38	2	45	#	94	38
0.50 to <0.75	-	-	-	-	-	-	-
0.75 to <2.50	#	0.75	1	45	#	#	72
2.50 to <10.00	4	4.15	1	45	#	4	118
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-
Sub-total	1,829	0.07	14	20	#	117	6
Banks							
0.00 to <0.15	19,073	0.10	113	22	1	1,749	9
0.15 to <0.25	803	0.24	23	40	1	370	46
0.25 to <0.50	668	0.36	46	35	2	321	48
0.50 to <0.75	238	0.61	19	45	2	234	98
0.75 to <2.50	425	1.10	31	39	1	370	87
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-
Sub-total	21,207	0.14	232	24	1	3,044	14
Corporate							
0.00 to <0.15	2,905	0.08	144	34	2	541	19
0.15 to <0.25	3,449	0.22	80	25	2	1,036	30
0.25 to <0.50	2,211	0.34	214	39	2	1,287	58
0.50 to <0.75	689	0.56	133	41	2	493	72
0.75 to <2.50	1,485	1.58	410	34	1	1,147	77
2.50 to <10.00	77	3.12	77	39	2	88	115
10.00 to <100.00	24	28.68	10	44	#	58	239
100.00 (Default) ⁽²⁾	#	100.00	2	44	1	-	-
Sub-total	10,840	0.50	1,070	32	2	4,650	43
Corporate small business							
0.00 to <0.15	#	0.05	1	45	#	#	5
0.15 to <0.25	-	-	-	-	-	-	-
0.25 to <0.50	#	0.35	8	45	#	#	34
0.50 to <0.75	1	0.56	15	45	1	#	57
0.75 to <2.50	12	1.56	95	44	2	10	89
2.50 to <10.00	2	5.60	51	34	2	2	99
10.00 to <100.00	#	18.74	7	43	1	#	162
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-
Sub-total	15	2.21	177	42	2	12	88
Total (all portfolios)	33,891	0.25	1,493	26	1	7,823	23

Numbers below 0.5.

⁽¹⁾ For definition of RWA density, refer to footnote of 8.4.

⁽²⁾ For definition of default, refer to 8.1.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

9.5 IRBA – CCR Exposures by Portfolio and PD Range (continued)

	31 Dec 2018						
	a	b	c	d	e	f	g
PD Range (%)	EAD post CRM (\$m)	Average PD (%)	Number of obligors	Average LGD (%)	Average maturity (years)	RWA (\$m)	RWA density ⁽¹⁾ (%)
Sovereign							
0.00 to <0.15	995	0.02	9	25	#	11	1
0.15 to <0.25	-	-	-	-	-	-	-
0.25 to <0.50	423	0.38	2	45	#	151	36
0.50 to <0.75	-	-	-	-	-	-	-
0.75 to <2.50	2	2.03	1	45	#	2	89
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-
Sub-total	1,420	0.13	12	31	#	164	12
Banks							
0.00 to <0.15	14,180	0.07	112	25	1	1,561	11
0.15 to <0.25	1,152	0.24	20	32	1	429	37
0.25 to <0.50	879	0.34	52	36	2	451	51
0.50 to <0.75	257	0.61	16	45	2	248	96
0.75 to <2.50	196	1.09	28	45	1	202	103
2.50 to <10.00	-	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-	-
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-
Sub-total	16,664	0.11	228	27	1	2,891	17
Corporate							
0.00 to <0.15	3,025	0.08	132	37	2	638	21
0.15 to <0.25	2,982	0.22	76	25	2	861	29
0.25 to <0.50	2,069	0.34	197	41	2	1,284	62
0.50 to <0.75	456	0.56	133	44	2	346	76
0.75 to <2.50	7,565	2.20	402	6	#	1,142	15
2.50 to <10.00	143	3.09	93	22	2	98	68
10.00 to <100.00	#	12.15	9	44	2	1	205
100.00 (Default) ⁽²⁾	#	100.00	5	45	2	-	-
Sub-total	16,240	1.17	1,047	21	1	4,370	27
Corporate small business							
0.00 to <0.15	-	-	-	-	-	-	-
0.15 to <0.25	-	-	-	-	-	-	-
0.25 to <0.50	1	0.38	12	45	3	1	70
0.50 to <0.75	4	0.56	13	45	2	2	57
0.75 to <2.50	9	1.30	88	42	1	7	78
2.50 to <10.00	3	4.98	52	25	1	2	75
10.00 to <100.00	#	12.15	2	45	1	#	188
100.00 (Default) ⁽²⁾	-	-	-	-	-	-	-
Sub-total	17	1.68	167	40	2	12	72
Total (all portfolios)	34,341	0.61	1,454	24	1	7,437	22

Numbers below 0.5.

⁽¹⁾ For definition of RWA density, refer to footnote of 8.4.

⁽²⁾ For definition of default, refer to 8.1.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

9.5 IRBA – CCR Exposures by Portfolio and PD Range (continued)

The marginal increase in RWA density in the first half of 2019 was mainly due to change in exposure mix.

9.6 RWA Flow Statements under the CCR Internal Models Method

This disclosure is not applicable as the Group does not adopt the CCR Internal Models method.

9.7 Composition of Collateral for CCR Exposure

The following table provides a breakdown of all types of collateral posted or received by the Group to support or reduce the CCR exposures related to derivative transactions or to SFTs, including transactions cleared through a CCP.

30 Jun 2019						
	a	b	c	d	e	f
	Collateral used in derivative transactions				Collateral used in SFTs	
	Fair value of collateral received		Fair value of collateral posted		Fair value of	Fair value of
\$m	Segregated	Unsegregated	Segregated	Unsegregated	collateral received	collateral posted
Cash - domestic currency	-	60	-	401	843	1,796
Cash - other currencies	-	1,736	227	2,807	3,314	14,851
Domestic sovereign debt	-	43	-	12	497	554
Other sovereign debt	-	1	-	1,757	7,908	7,624
Government agency debt	-	-	-	-	51	751
Corporate bonds	-	#	-	151	1,771	207
Equity securities	-	11	-	-	5,611	#
Other collateral	-	22	-	-	50	-
Total	-	1,873	227	5,128	20,045	25,783

31 Dec 2018						
	a	b	c	d	e	f
	Collateral used in derivative transactions				Collateral used in SFTs	
	Fair value of collateral received		Fair value of collateral posted		Fair value of	Fair value of
\$m	Segregated	Unsegregated	Segregated	Unsegregated	collateral received	collateral posted
Cash - domestic currency	-	13	-	264	716	2,120
Cash - other currencies	-	1,825	251	2,808	5,899	14,331
Domestic sovereign debt	-	13	-	#	79	860
Other sovereign debt	-	19	-	1,602	8,299	6,269
Government agency debt	-	-	-	-	417	682
Corporate bonds	-	2	-	148	2,861	1,324
Equity securities	-	1	-	-	4,744	-
Other collateral	-	17	-	-	27	-
Total	-	1,890	251	4,822	23,042	25,586

Numbers below 0.5.

The reduction in fair value of collaterals received in securities financing transactions during the first half of 2019 was mainly due to decrease in cash and corporate bond collaterals.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

10 SECURITISATION

10.1 Securitisation Exposures in the Banking Book

The following table provides an overview of the Group's securitisation exposures in the Banking book. Figures are based on carrying amounts as reported in the financial statements.

\$m	30 Jun 2019	31 Dec 2018
	a	
	A Reporting Bank acts as investor	
	Traditional ⁽¹⁾	
1 Total retail	2,423	2,425
2 of which: residential mortgage	-	-
3 of which: credit card	1,860	2,067
4 of which: other retail exposures	563	358
5 Total wholesale	293	136
6 of which: loans to corporates	-	-
7 of which: commercial mortgage	-	-
8 of which: lease and receivables	-	-
9 of which: other wholesale	293	136

There were no significant movements in the first half of 2019.

10.2 Securitisation Exposures in the Trading Book

The following table provides an overview of the Group's securitisation exposures in the Trading book. Figures are based on carrying amounts as reported in the financial statements.

\$m	30 Jun 2019	31 Dec 2018
	a	
	A Reporting Bank acts as investor	
	Traditional ⁽¹⁾	
1 Total retail	13	16
2 of which: residential mortgage	13	15
3 of which: credit card	-	-
4 of which: other retail exposures	-	1
5 Total wholesale	21	11
6 of which: loans to corporates	-	-
7 of which: commercial mortgage	-	-
8 of which: lease and receivables	-	-
9 of which: other wholesale	21	11

⁽¹⁾ The Group does not invest in synthetic securitisation structures.

There were no significant movements in the first half of 2019.

10.3 Securitisation Exposures in the Banking Book and associated Regulatory Capital Requirements – A Reporting Bank acting as Originator or as Sponsor

The Group did not act as an Originator or a Sponsor for its securitisation exposures in the Banking book.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

10.4 Securitisation Exposures in the Banking Book and associated Regulatory Capital Requirements – A Reporting Bank acting as an Investor

The following table provides the exposure amounts, RWA and capital requirements of the Group's securitisation exposures in the Banking book.

30 Jun 2019																		
\$m	a b c d e					f g h i				j k l m				n o p q				
	Exposure values (by risk weight bands)					Exposure values (by regulatory approach)				RWA (by regulatory approach)				Capital charge after cap ⁽¹⁾				
	≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW	SEC-IRBA	SEC-ERBA	SEC-SA	1250%	SEC-IRBA	SEC-ERBA	SEC-SA	1250%	SEC-IRBA	SEC-ERBA	SEC-SA	1250%	
1	Total exposures	1,999	19	462	179	8	-	2,659	-	8	-	855	-	93	-	86	-	9
2	Traditional securitisation	1,999	19	462	179	8	-	2,659	-	8	-	855	-	93	-	86	-	9
3	Of which: securitisation	1,999	19	462	179	8	-	2,659	-	8	-	855	-	93	-	86	-	9
4	Of which: retail underlying	1,999	19	169	179	8	-	2,366	-	8	-	665	-	93	-	67	-	9
5	Of which: wholesale	-	-	293	-	-	-	293	-	-	-	190	-	-	-	19	-	-
6	Of which: re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Of which: senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Of which: non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Of which: securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Of which: retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which: wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Of which: re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Of which: senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Of which: non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

31 Dec 2018																		
\$m	a b c d e					f g h i				j k l m				n o p q				
	Exposure values (by risk weight bands)					Exposure values (by regulatory approach)				RWA (by regulatory approach)				Capital charge after cap ⁽¹⁾				
	≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW	SEC-IRBA	SEC-ERBA	SEC-SA	1250%	SEC-IRBA	SEC-ERBA	SEC-SA	1250%	SEC-IRBA	SEC-ERBA	SEC-SA	1250%	
1	Total exposures	2,012	32	330	143	5	-	2,516	-	5	-	756	-	62	-	76	-	6
2	Traditional securitisation	2,012	32	330	143	5	-	2,516	-	5	-	756	-	62	-	76	-	6
3	Of which: securitisation	2,012	32	330	143	5	-	2,516	-	5	-	756	-	62	-	76	-	6
4	Of which: retail underlying	2,012	32	194	143	5	-	2,380	-	5	-	667	-	62	-	67	-	6
5	Of which: wholesale	-	-	136	-	-	-	136	-	-	-	89	-	-	-	9	-	-
6	Of which: re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Of which: senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Of which: non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Of which: securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Of which: retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Of which: wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Of which: re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Of which: senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Of which: non-senior	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Numbers below 0.5.

⁽¹⁾ Capital charge after cap in these columns correspond to 10% of the relevant RWA figures in column "(j)", "(k)", "(l)" and "(m)" which are 2.0 percentage points higher than the Basel Committee's requirement.

There were no significant movements in the first half of 2019.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

11 MARKET RISK

11.1 Market Risk under Standardised Approach

The following table provides the components of the Group's market risk RWA as measured under the Standardised Approach.

\$m	30 Jun 2019	31 Dec 2018
	a	
	RWA ⁽¹⁾	
Products excluding options		
1 Interest rate risk (general and specific)	17,748	14,722
2 Equity risk (general and specific)	228	232
3 Foreign exchange risk	6,002	5,579
4 Commodity risk	46	24
Options		
5 Simplified approach	-	-
6 Delta-plus method	-	-
7 Scenario approach	6,807	5,550
8 Securitisation	64	63
9 Total	30,895	26,170

⁽¹⁾ The RWA is derived by multiplying the capital requirements by 12.5.

The increase in market risk-weighted assets was mainly due to an increase in interest rate risk.

11.2 RWA Flow Statements of Market Risk Exposures under IMA, IMA Values for Trading Portfolios and Comparison of VaR Estimates with Gains or Losses

These disclosures are not applicable as the Group has not adopt IMA to measure its regulatory capital requirements for market risk.

12 INTEREST RATE RISK IN THE BANKING BOOK

The key interest rate risk exposure in the Group's banking book are primarily due to customer loans, deposits and non-trading securities denominated in the Singapore Dollars and United States Dollars positions. The impact of interest rate changes on the economic value is dependent on the characteristics and composition of its assets and liabilities. Economic value is the net present value of the Group's assets and liabilities, and its changes are assessed under various interest rate scenarios.

At the Group level, the estimated economic value declines by \$1,458 million for a 100 basis points parallel upward change in interest rates. Correspondingly, a parallel downward change of the same magnitude result in an increase in economic value by \$2,027 million.

DBS BANK GROUP

PART B: LIQUIDITY COVERAGE RATIO (“LCR”) DISCLOSURES (FOR DBS BANK GROUP)

The following disclosures for the DBS Bank Group⁽¹⁾ are made pursuant to the Monetary Authority of Singapore (“MAS”) Notice to Banks No. 651 “Liquidity Coverage Ratio (“LCR”) Disclosure” (“MAS Notice 651”).

DBS Bank Group (“DBS”) is subject to the Basel III Liquidity Coverage Ratio (“LCR”) standards pursuant to MAS Notice 649. As at 1 January 2019, DBS is required to maintain daily all-currency and Singapore dollar (“SGD”) LCR above 100%.

LCR aims to ensure that a bank has an adequate stock of unencumbered High Quality Liquid Assets (“HQLA”) to meet its liquidity needs for a 30-calendar day liquidity stress scenario. MAS Notice 649 stipulates the range of liquid assets that qualify as HQLA, as well as the applicable haircuts for each category. Net cash outflows are computed using the standardized 30-day cash flow rates defined in the same notice. The amounts after the application of haircuts or 30-day cash flow rates are reflected in the “weighted amount” column of the tables in this part.

DBS seeks to ensure that its LCR remains above the specified regulatory minimum requirements. This is achieved by:

- (i) Establishing internal early warning triggers and thresholds based on observed movements in LCR over time;
- (ii) Monitoring and managing the LCR closely to ensure it stays within established boundaries; and
- (iii) Strategically managing the liquidity risk arising from the balance sheet structure.

⁽¹⁾ Pursuant to Sections 36 and 38 of the Banking Act, and as outlined in MAS Notice 649, DBS Bank complies with the LCR requirements on a consolidated (“DBS Bank Group”) level, which includes the assets and liabilities of its banking subsidiaries.

DBS BANK GROUP

1.1 Average All-Currency LCR for the Quarter ended 30 June 2019 (Number of data points: 91)

\$m		30 Jun 2019	
		UNWEIGHTED ⁽¹⁾	WEIGHTED VALUE
HIGH-QUALITY LIQUID ASSETS			
1	Total high-quality liquid assets (HQLA)		92,057
CASH OUTFLOWS			
2	Retail deposits and deposits from small business customers, of which	202,119	16,324
3	Stable deposits	76,922	3,804
4	Less stable deposits	125,197	12,520
5	Unsecured wholesale funding, of which	152,461	83,138
6	Operational deposits (all counterparties) and deposits in institutional networks of cooperative banks	24,803	5,915
7	Non-operational deposits (all counterparties)	122,416	71,981
8	Unsecured debt	5,242	5,242
9	Secured wholesale funding		575
10	Additional requirements, of which	55,977	11,845
11	Outflows related to derivatives exposures and other collateral requirements	11,313	6,496
12	Outflows related to loss of funding on debt products	-	-
13	Credit and liquidity facilities	44,664	5,349
14	Other contractual funding obligations	2,441	2,426
15	Other contingent funding obligations	23,730	712
16	TOTAL CASH OUTFLOWS		115,020
CASH INFLOWS			
17	Secured lending (e.g. reverse repos)	12,267	965
18	Inflows from fully performing exposures	74,507	43,079
19	Other cash inflows	7,631	3,813
20	TOTAL CASH INFLOWS	94,405	47,857
		TOTAL ADJUSTED VALUE	
21	TOTAL HQLA		92,057
22	TOTAL NET CASH OUTFLOWS		67,163
23	LIQUIDITY COVERAGE RATIO (%)⁽²⁾		137%

⁽¹⁾ The unweighted amounts refer to cash flows due or callable within 30 days, with the exception of items in rows 13 and 15 which reflect the full notional balances.

⁽²⁾ The LCR is computed as an average of observations of LCR during the quarter. This may not be equal to an LCR computed with the average values of HQLA and net cash outflows disclosed in the table.

DBS BANK GROUP

1.2 Average SGD LCR for the Quarter ended 30 June 2019 (Number of data points: 91)

		30 Jun 2019	
\$m		UNWEIGHTED	WEIGHTED VALUE
HIGH-QUALITY LIQUID ASSETS			
1	Total high-quality liquid assets (HQLA)		33,838
CASH OUTFLOWS			
2	Retail deposits and deposits from small business customers, of which	132,108	10,138
3	Stable deposits	61,455	3,073
4	Less stable deposits	70,653	7,065
5	Unsecured wholesale funding, of which	26,930	11,223
6	Operational deposits (all counterparties) and deposits in institutional networks of cooperative banks	10,559	2,503
7	Non-operational deposits (all counterparties)	16,147	8,496
8	Unsecured debt	224	224
9	Secured wholesale funding		-
10	Additional requirements, of which	20,620	8,846
11	Outflows related to derivatives exposures and other collateral requirements	8,077	7,812
12	Outflows related to loss of funding on debt products	-	-
13	Credit and liquidity facilities	12,543	1,034
14	Other contractual funding obligations	766	766
15	Other contingent funding obligations	3,547	106
16	TOTAL CASH OUTFLOWS		31,079
CASH INFLOWS			
17	Secured lending (e.g. reverse repos)	517	12
18	Inflows from fully performing exposures	13,562	7,929
19	Other cash inflows	14,466	14,318
20	TOTAL CASH INFLOWS	28,545	22,259
		TOTAL ADJUSTED VALUE	
21	TOTAL HQLA		33,838
22	TOTAL NET CASH OUTFLOWS⁽¹⁾		9,293
23	LIQUIDITY COVERAGE RATIO (%)⁽²⁾		372%

⁽¹⁾ Total net cash outflows does not equal to the total cash outflows minus total cash inflows as the cap on inflows is binding. Cash inflows may be netted against cash outflows up to an aggregate cap of 75% of total cash outflows.

⁽²⁾ The LCR is computed as an average of observations of LCR during the quarter. This may not be equal to an LCR computed with the average values of HQLA and net cash outflows disclosed in the table.

1.3 Liquidity Coverage Ratio

In the second quarter of 2019, the average all-currency and SGD LCRs were 137% and 372% respectively. Compared to the previous quarter, average all-currency LCR was unchanged while SGD LCR increased from 358%:

- (i) All-currency LCR is unchanged from last quarter as an increase in HQLA holdings is offset by an increase in cash outflows from wholesale activities
- (ii) SGD LCR increased mainly due to a shift from retail less-stable to retail stable deposits, which is attributable to the increase in deposit insurance coverage effective 1 April 2019

The LCR remains above the regulatory minimum requirements of 100% for both all-currency and SGD. DBS maintains a healthy liquidity position by keeping a stable balance sheet structure that is supported by a diversified funding base.

DBS' LCR is sensitive to (i) balance sheet movements resulting from commercial loan/deposit activities and wholesale inter-bank lending/ borrowing; and (ii) movements due to positions falling into or out of the LCR 30-day tenor, such as loan rollovers. LCR is also sensitive to movements in HQLA, driven primarily by changes in balances with central banks and collaterals from secured lending and borrowing transactions.

a) Composition of High Quality Liquid Assets ("HQLA")

DBS holds a pool of unencumbered HQLA that are readily available to meet cash flow obligations under stress scenarios, as defined in the LCR rules. These liquid assets consist predominantly of Level 1 HQLA, which comprises cash, balances with central banks and highly rated bonds issued by governments or supranational entities. These may be included, without haircuts or limitations in quantum, in the total pool of HQLA.

DBS' HQLA include Singapore government securities and local government/central bank securities held at overseas branches and subsidiaries. This is supplemented by bonds issued by highly rated corporate issuers (including public sector entities), as well as covered bonds issued by reputable financial institutions.

b) Concentration of Funding Sources

DBS strives to develop a diversified funding base with access to funding sources across retail and wholesale channels. DBS' funding strategy is anchored on strengthening the core deposit franchise as the foundation of its long-term funding advantage. Please refer to the risk management disclosures in the latest available annual report for more information on DBS' funding strategy.

c) Derivative Exposures and Potential Collateral Calls

DBS actively manages its over-the-counter ("OTC") and exchange-traded financial derivative exposures arising from market making, trading activities, and its commercial business (including structuring and packaging products for investors and clients). Derivative exposures are mainly from, but not limited to, interest rate swaps and futures, foreign exchange forwards and swaps, and currency swaps. These derivative positions are marked-to-market daily, affecting the collateral amounts posted to and received from interbank counterparties and/or exchanges. Cash flows resulting from potential changes in collateral amounts posted/received are incorporated into LCR net cash outflows.

1.3 Liquidity Coverage Ratio (continued)

d) Currency Mismatch

As part of its funding strategy, DBS makes use of the swap markets to support funding needs across currencies. DBS' stable funding base of customer deposits is predominantly denominated in the local currency of its key operating locations. Matching the deposit currency, the main portion of DBS' liquid assets is denominated in SGD and the local currencies of key operating locations.

e) Centralization of Liquidity Management

In managing funding needs across locations, overseas branches and subsidiaries are encouraged but not required to centralise majority of their borrowing and deployment of funds with Head Office, taking into account the relevant regulatory restrictions while maintaining a commensurate level of presence and participation in the local funding markets.

By managing the liquid assets as a pool, DBS is able to monetize liquid assets to meet liquidity shortfalls under times of stress.

Please refer to the latest available annual report for more information on DBS' liquidity risk management.

DBS BANK GROUP

PART C: NET STABLE FUNDING RATIO ("NSFR") DISCLOSURES (FOR DBS BANK GROUP)

The following disclosures for the DBS Bank Group⁽¹⁾ are made pursuant to the Monetary Authority of Singapore ("MAS") Notice to Banks No. 653 "Net Stable Funding Ratio ("NSFR") Disclosure" ("MAS Notice 653").

DBS Bank Group ("DBS") has been subjected to the Basel III NSFR standards from 1 January 2018, pursuant to MAS Notice to Banks No. 652 "Net Stable Funding Ratio (NSFR)" ("MAS Notice 652"). At the all-currency level, DBS is required to maintain NSFR of at least 100% on an ongoing basis.

NSFR aims to improve the resiliency of banks by promoting long term funding stability. It requires banks to maintain a stable funding profile in relation to the composition of their assets and off-balance sheet activities. MAS Notice 652 stipulates the applicable Required Stable Funding ("RSF") factor for each category of asset and Available Stable Funding ("ASF") factor for each type of funding source. NSFR represents the ratio of the bank's ASF to RSF. The breakdown of the bank's ASF and RSF amounts after applying the respective ASF or RSF factors are reflected in the "weighted amount" column of the tables in this part.

NSFR in the second quarter of 2019 was 109%, no change from end 2018 and a reduction from 111% in the first quarter of 2019. NSFR is above the regulatory minimum requirement of 100%. DBS maintains a healthy liquidity position by keeping a stable balance sheet structure that is supported by a diversified funding base. NSFR in the first quarter of 2019 increased due to a shift in assets towards short term corporate loans. In the second quarter of 2019, NSFR reduced as a result of an increase in non-HQLA holdings.

DBS' NSFR is sensitive to (i) balance sheet movements resulting from commercial loan and deposit activities, and (ii) movements due to positions falling into the NSFR 1-year tenor, such as when the residual maturity of capital or senior issuances fall within the 1 year tenor. DBS recognized interdependent assets and liabilities from the fourth quarter of 2018 onwards, which comprise primarily of bills receivable and payable under letters of credit.

DBS seeks to ensure that its NSFR remains above the specified regulatory minimum requirements. This is achieved by:

- (i) Monitoring the NSFR closely against an established internal early warning trigger and management target
- (ii) Managing and developing strategies to build a diversified funding base with access to funding sources across retail and wholesale channels

Please refer to the Risk Management disclosures in the latest available annual report for more information on DBS' funding strategy.

⁽¹⁾ Pursuant to Sections 36 and 55 of the Banking Act, and as outlined in MAS Notice 652, DBS Bank complies with the NSFR requirements on a consolidated ("DBS Bank Group") level, which includes the assets and liabilities of its banking subsidiaries.

DBS BANK GROUP

1.1 NSFR Disclosure Template

		30 Jun 2019				
		Unweighted value by residual maturity				
		No maturity ⁽¹⁾	6 months to < 6 months	6 months to < 1 yr	≥ 1yr	WEIGHTED VALUE
\$m	ASF Item					
1	Capital:	57,434	-	-	406	57,840
2	Regulatory capital	55,849	-	-	-	55,849
3	Other capital instruments	1,585	-	-	406	1,991
4	Retail deposits and deposits from small business customers:	160,351	51,369	2,198	1,076	196,875
5	Stable deposits	62,615	2,741	84	111	62,280
6	Less stable deposits	97,736	48,628	2,114	965	134,595
7	Wholesale funding:	74,418	153,279	11,987	14,127	78,817
8	Operational deposits	23,621	-	-	-	11,811
9	Other wholesale funding	50,797	153,279	11,987	14,127	67,006
10	Liabilities with matching interdependent assets	-	1,466	-	-	-
11	Other liabilities:	16,280		5,434		2,185
12	NSFR derivative liabilities			3,228		
13	All other liabilities and equity not included in the above categories	16,280	119	-	2,087	2,185
14	Total ASF					335,717
RSF Item						
15	Total NSFR high-quality liquid assets (HQLA)					12,782
16	Deposits held at other financial institutions for operational purposes	139	-	-	-	70
17	Performing loans and securities:	11,680	149,143	27,615	241,477	269,602
18	Performing loans to financial institutions secured by Level 1 HQLA	-	6,262	34	7	651
19	Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions	5,175	27,138	5,704	7,029	14,728
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:	6,505	104,146	13,919	146,357	181,098
21	With a risk weight of less than or equal to 35% under MAS Notice 637's standardised approach to credit risk	-	30,488	660	3,412	16,136
22	Performing residential mortgages, of which:	-	2,526	1,628	68,276	48,588

⁽¹⁾ Items to be reported in the 'no maturity' time bucket do not have a stated maturity. These may include, but are not limited to, items such as capital with perpetual maturity, non-maturity deposits, short positions, open maturity positions, non-HQLA equities, and physical traded commodities.

DBS BANK GROUP

1.1 NSFR Disclosure Template (continued)

		30 Jun 2019				
		Unweighted value by residual maturity				
\$m		No maturity ⁽¹⁾	6 months to < 6 months	6 months to < 1 yr	≥ 1yr	WEIGHTED VALUE
23	With a risk weight of less than or equal to 35% under MAS Notice 637's standardised approach to credit risk	-	2,497	1,603	67,295	47,727
24	Securities that are not in default and do not qualify as HQLA, including exchange-traded equities	-	9,071	6,330	19,808	24,537
25	Assets with matching interdependent liabilities	-	1,466	-	-	-
26	Other assets:	16,811	17,629			23,829
27	Physical trade commodities, including gold	15	-	-	-	13
28	Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs	-	341			290
29	NSFR derivative assets	-	7,005			3,777
30	NSFR derivative liabilities before deduction of variation margin posted	-	7,250			-
31	All other assets not included in the above categories	16,796	78	1	2,954	19,749
32	Off-balance sheet items	-	313,102			2,484
33	Total RSF					308,767
34	Net Stable Funding Ratio (%)					109

⁽¹⁾ Items to be reported in the 'no maturity' time bucket do not have a stated maturity. These may include, but are not limited to, items such as capital with perpetual maturity, non-maturity deposits, short positions, open maturity positions, non-HQLA equities, and physical traded commodities.

DBS BANK GROUP

1.1 NSFR Disclosure Template (continued)

		31 Mar 2019				
		Unweighted value by residual maturity				
		No maturity ⁽¹⁾	6 months to < 6 months	6 months to < 1 yr	≥ 1yr	WEIGHTED VALUE
\$m	ASF Item					
1	Capital:	57,989	-	-	406	58,395
2	Regulatory capital	56,379	-	-	-	56,379
3	Other capital instruments	1,610	-	-	406	2,016
4	Retail deposits and deposits from small business customers:	161,663	48,805	2,369	1,200	195,499
5	Stable deposits	52,750	2,087	77	124	52,293
6	Less stable deposits	108,913	46,718	2,292	1,076	143,206
7	Wholesale funding:	72,908	152,036	14,620	11,145	77,999
8	Operational deposits	25,561	-	-	-	12,781
9	Other wholesale funding	47,347	152,036	14,620	11,145	65,218
10	Liabilities with matching interdependent assets	-	1,490	-	-	-
11	Other liabilities:	14,099		5,242		2,223
12	NSFR derivative liabilities			3,106		
13	All other liabilities and equity not included in the above categories	14,099	10	-	2,126	2,223
14	Total ASF					334,116
RSF Item						
15	Total NSFR high-quality liquid assets (HQLA)					12,393
16	Deposits held at other financial institutions for operational purposes	182	-	-	-	91
17	Performing loans and securities:	11,219	145,672	27,712	238,423	263,539
18	Performing loans to financial institutions secured by Level 1 HQLA	-	10,800	34	-	1,097
19	Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions	4,810	27,276	6,117	6,732	14,603
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:	6,409	99,089	13,734	145,822	178,315
21	With a risk weight of less than or equal to 35% under MAS Notice 637's standardised approach to credit risk	-	27,467	893	3,110	14,752
22	Performing residential mortgages, of which:	-	2,619	1,659	68,819	49,003

⁽¹⁾ Items to be reported in the 'no maturity' time bucket do not have a stated maturity. These may include, but are not limited to, items such as capital with perpetual maturity, non-maturity deposits, short positions, open maturity positions, non-HQLA equities, and physical traded commodities.

DBS BANK GROUP

1.1 NSFR Disclosure Template (continued)

		31 Mar 2019				
		Unweighted value by residual maturity				
\$m		No maturity ⁽¹⁾	6 months to < 6 months	6 months to < 1 yr	≥ 1yr	WEIGHTED VALUE
23	With a risk weight of less than or equal to 35% under MAS Notice 637's standardised approach to credit risk	-	2,591	1,632	67,836	48,141
24	Securities that are not in default and do not qualify as HQLA, including exchange-traded equities	-	5,888	6,168	17,050	20,521
25	Assets with matching interdependent liabilities	-	1,490	-	-	-
26	Other assets:	16,811	16,863			23,555
27	Physical trade commodities, including gold	14	-	-	-	12
28	Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs	-	400			340
29	NSFR derivative assets	-	6,783			3,677
30	NSFR derivative liabilities before deduction of variation margin posted	-	6,947			-
31	All other assets not included in the above categories	16,797	7	-	2,726	19,526
32	Off-balance sheet items	-	301,391			2,261
33	Total RSF					301,839
34	Net Stable Funding Ratio (%)					111

⁽¹⁾ Items to be reported in the 'no maturity' time bucket do not have a stated maturity. These may include, but are not limited to, items such as capital with perpetual maturity, non-maturity deposits, short positions, open maturity positions, non-HQLA equities, and physical traded commodities.

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

PART D: ABBREVIATIONS

Abbreviations	Brief Description
A-IRBA	Advanced Internal Ratings-Based Approach
ASF	Available Stable Funding
AT1	Additional Tier 1
CAR	Capital Adequacy Ratio
CCF	Credit Conversion Factor
CCP	Central Counterparty
CCR	Counterparty Credit Risk
CET1	Common Equity Tier 1
CF	Commodities Finance
CRE	Commercial Real Estate
CDS	Credit Derivative Swaps
CRM	Credit Risk Mitigation
CVA	Credit Valuation Adjustment
D-SIB	Domestic Systemically Important Banks
EAD	Exposure at the time of default
EL	Expected Loss
EPE	Expected Positive Exposure
F-IRBA	Foundation Internal Ratings-Based Approach
FC(CA)	Financial Collateral Comprehensive Approach
FC(SA)	Financial Collateral Simple Approach
G-SIB	Global Systemically Important Banks
HQLA	High Quality Liquid Assets
HVCRE	High-volatility Commercial Real Estate
IAA	Internal Assessment Approach
IMA	Internal Models Approach
IMM	Internal Models Method

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

PART D: ABBREVIATIONS (continued)

Abbreviations	Brief Description
IPRE	Income-producing Real Estate
IRBA	Internal Ratings-Based Approach
ISIN	International Securities Identification Number
LCR	Liquidity Coverage Ratio
LGD	Loss Given Default
MAS	Monetary Authority of Singapore
MDB	Multilateral Development Bank
NSFR	Net Stable Funding Ratio
OF	Object Finance
PD	Probability of Default
PE/VC	Private Equity and Venture Capital
PF	Project Finance
PSE	Public Sector Entity
QRRE	Qualifying Revolving Retail Exposures
RSF	Required Stable Funding
RW	Risk Weight
RWA	Risk-Weighted Assets
SA	Standardised Approach
SA(CR)	Standardised Approach for Credit Risk
SA(EQ)	Standardised Approach for Equity Exposures
SA(MR)	Standardised Approach for Market Risk
SEC-ERBA	Securitisation External Ratings-Based Approach
SEC-IRBA	Securitisation Internal Ratings-Based Approach
SEC-SA	Securitisation Standardised Approach
SFT	Securities or Commodities Financing Transaction
SGD	Singapore Dollars

DBS GROUP HOLDINGS LTD AND ITS SUBSIDIARIES

PART D: ABBREVIATIONS (continued)

Abbreviations	Brief Description
TEP	Total Eligible Provisions
TLAC	Total Loss-absorbing Capacity
T1	Tier 1
T2	Tier 2
VaR	Value-at-risk
α	Alpha Factor