

# Nordea



## Capital and Risk Management Report 2020

Appendix F Nordea Mortgage Bank Plc

# Contents

Table name	Table
Mapping of own funds to the balance sheet	1
Transitional own funds disclosure template	2
Countercyclical capital buffer	3
Leverage ratio - disclosure template	4
EU OV- 1 Overview of REA	5
Original exposure by exposure class	6
Exposure split by exposure class and by geography	7
Exposure split by industry group and by main class	8
Exposure secured by collaterals, guarantees and credit derivatives, split by exposure class	9
Distribution of collateral	10
Residual maturity broken down by exposure class	11
Liquidity coverage ratio	12
Exposure, impaired exposures, past due exposures and allowances, split by sectors	13
Exposure, impaired exposures, past due exposures and allowances, split by significant geographic area	14
Reconciliation of allowance accounts	15

Table 1. Mapping of own funds to the balance sheet

EURm	Nordea Mortgage Bank	Row in transitional own funds template
<b>Assets</b>		
<b>Intangible assets</b>		
- of which: Goodwill and other intangible assets		8
<b>Deferred tax assets</b>	7	
- of which: Deferred tax assets that rely on future profitability excluding those arising from temporary differences		10
<b>Retirement benefit assets</b>		
- of which: Retirement benefit assets net of tax		15
<b>Liabilities</b>		
<b>Deferred tax liabilities</b>		
- of which: Deductible deferred tax liabilities associated with deferred tax assets that rely on future profitability and do not arise from temporary differences		10
<b>Subordinated liabilities</b>	200	
- of which: AT1 Capital instruments and the related share premium accounts		30
- of which: Amount of qualifying items referred to in Article 484 (4) and the related share premium accounts subject to phase out from AT1		33
- of which: Direct and indirect holdings by an institution of own AT1 Instruments		37
- of which: T2 Capital instruments and the related share premium accounts	200	46
- of which: Amount of qualifying items referred to in Article 484 (5) and the related share premium accounts subject to phase out from T2		47
- of which: Direct and indirect holdings by an institution of own T2 instruments and subordinated loans (negative amount)		52
<b>Equity</b>		
<b>Share capital</b>	250	1
<b>Share premium reserves</b>		
- of which: Capital instruments and the related share premium accounts		1
- of which: Retained earnings		2
<b>Other reserves</b>	19	
- of which: Retained earnings		2
- of which: Accumulated other comprehensive income	19	3
- of which: Fair value reserves related to gains or losses on cash flow hedges	-19	11
<b>Retained earnings net of proposed dividend</b>	928	
- of which: Profit/loss for the year	116	5a
- of which: Retained earnings	812	2
- of which: Direct holdings by an institution of own CET1 instruments (negative amount)		16

Table 2. Transitional own funds disclosure template

EURm	(A) Amount at disclosure date	(B) regulation (EU) no 575/2013 article reference	(C) Amounts subject to pre-regulation treatment or prescribed residual amount of regulation, (EU) no 575/2013
<b>Common Equity Tier 1 capital: instruments and reserves</b>			
1 Capital instruments and the related share premium accounts	250	26 (1), 27, 28, 29, EBA list 26 (3)	
of which: Instrument type 1	250	EBA list 26 (3)	
of which: Instrument type 2		EBA list 26 (3)	
of which: Instrument type 3		EBA list 26 (3)	
2 Retained earnings	812	26 (1) (c)	
3 Accumulated other comprehensive income (and other reserves, to include unrealised gains and losses under the applicable accounting standards)	19	26 (1)	
3a Funds for general banking risk		26 (1) (f)	
4 Amount of qualifying items referred to in Article 484 (3) and the related share premium accounts subject to phase out from CET1		486 (2)	
Public sector capital injections grandfathered until 1 January 2018		483 (2)	
5 Minority Interests (amount allowed in consolidated CET1)		84, 479, 480	
5a Independently reviewed interim profits net of any foreseeable charge or dividend	116	26 (2)	
6 Common Equity Tier 1 (CET1) capital before regulatory adjustments	1,197		
<b>Common Equity Tier 1 (CET1) capital: regulatory adjustments</b>			
7 Additional value adjustments (negative amount)	0	34, 105	
8 Intangible assets (net of related tax liability) (negative amount)		36 (1) (b), 37, 472 (4)	
9 Empty Set in the EU	NA		
10 Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability where the conditions in Article 38 (3) are met) (negative amount)		36 (1) (c), 38, 472 (5)	
11 Fair value reserves related to gains or losses on cash flow hedges	-19	33 (a)	
12 Negative amounts resulting from the calculation of expected loss amounts	-36	36 (1) (d), 40, 159, 472 (6)	
13 Any increase in equity that results from securitised assets (negative amount)		32 (1)	
14 Gains or losses on liabilities valued at fair value resulting from changes in own credit standing	-1	33 (b)	
15 Defined-benefit pension fund assets (negative amount)		36 (1) (e) , 41, 472 (7)	
16 Direct and indirect holdings by an institution of own CET1 instruments (negative amount)		36 (1) (f), 42, 472 (8)	
17 Holdings of the CET1 instruments of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)		36 (1) (g), 44, 472 (9)	

18 Direct and indirect holdings by the institution of the CET1 instruments of financial sector entities where the institution does not have a significant investment in those entities (amount above the 10% threshold and net of eligible short positions) (negative amount)	36 (1) (h), 43, 45, 46, 49 (2) (3), 79, 472 (10)
19 Direct, indirect and synthetic holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)	36 (1) (i), 43, 45, 47, 48 (1) (b), 49 (1) to (3), 79, 470, 472 (11)
20 Empty Set in the EU	NA
20a Exposure amount of the following items which qualify for a RW of 1250%, where the institution opts for the deduction alternative	36 (1) (k)
20b of which: qualifying holdings outside the financial sector (negative amount)	36 (1) (k) (i), 89 to 91
20c of which: securitisation positions (negative amount)	36 (1) (k) (ii) 243 (1) (b) 244 (1) (b) 258
20d of which: free deliveries (negative amount)	36 (1) (k) (iii), 379 (3)
21 Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability where the conditions in 38 (3) are met) (negative amount)	36 (1) (c), 38, 48 (1) (a), 470, 472 (5)
22 Amount exceeding the 15% threshold (negative amount)	48 (1)
23 of which: direct and indirect holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities	36 (1) (i), 48 (1) (b), 470, 472 (11)
24 Empty Set in the EU	NA
25 of which: deferred tax assets arising from temporary differences	36 (1) (c), 38, 48 (1) (a), 470, 472 (5)
25a Losses for the current financial year (negative amount)	36 (1) (a), 472 (3)
25b Foreseeable tax charges relating to CET1 items (negative amount)	36 (1) (l)
26 Regulatory adjustments applied to Common Equity Tier 1 in respect of amounts subject to pre-CRR treatment	
26a Regulatory adjustments relating to unrealised gains and losses pursuant to Articles 467 and 468	
Of which: ...filter for unrealised loss on AFS debt instruments	467
Of which: ...filter for unrealised loss 2	467
Of which: ...filter for unrealised gain on AFS debt instruments	468
Of which: ...filter for unrealised gain 2	468
26b Amount to be deducted from or added to Common Equity Tier 1 capital with regard to additional filters and deductions required pre CRR	481
Of which: ...	481
27 Qualifying AT1 deductions that exceed the AT1 capital of the institution (negative amount)	36 (1) (j)
28 Total regulatory adjustments to Common equity Tier 1 (CET1)	-56
29 Common Equity Tier 1 (CET1) capital	1,141

#### Additional Tier 1 (AT1) capital: instruments

30 Capital instruments and the related share premium accounts	51, 52
31 of which: classified as equity under applicable accounting standards	
32 of which: classified as liabilities under applicable accounting standards	
33 Amount of qualifying items referred to in Article 484 (4) and the related share premium accounts subject to phase out from AT1	486 (3)
Public sector capital injections grandfathered until 1 January 2018	483 (3)
34 Qualifying Tier 1 capital included in consolidated AT1 capital (including minority interests not included in row 5) issued by subsidiaries and held by third parties	85, 86, 480
35 of which: instruments issued by subsidiaries subject to phase out	486 (3)
36 Additional Tier 1 (AT1) capital before regulatory adjustments	

#### Additional Tier 1 (AT1) capital: regulatory adjustments

37 Direct and indirect holdings by an institution of own AT1 Instruments (negative amount)	52 (1) (b), 56 (a), 57, 475 (2)
38 Holdings of the AT1 instruments of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)	56 (b), 58, 475 (3)
39 Direct and indirect holdings of the AT1 instruments of financial sector entities where the institution does not have a significant investment in those entities (amount above the 10% threshold and net of eligible short positions) (negative amount)	56 (c), 59, 60, 79, 475 (4)
40 Direct and indirect holdings by the institution of the AT1 instruments of financial sector entities where the institution has a significant investment in those entities (amount above the 10% threshold net of eligible short positions) (negative amount)	56 (d), 59, 79, 475 (4)
41 Regulatory adjustments applied to additional tier 1 in respect of amounts subject to pre-CRR treatment and transitional treatments subject to phase out as prescribed in Regulation (EU) No 575/2013 (i.e. CRR residual amounts)	
41a Residual amounts deducted from Additional Tier 1 capital with regard to deduction from Common Equity Tier 1 capital during the transitional period pursuant to article 472 of Regulation (EU) No 575/2013	472, 472(3)(a), 472 (4), 472 (6), 472 (8) (a), 472 (9), 472 (10) (a), 472 (11) (a)
Of which shortfall	
41b Residual amounts deducted from Additional Tier 1 capital with regard to deduction from Tier 2 capital during the transitional period pursuant to article 475 of Regulation (EU) No 575/2013	477, 477 (3), 477 (4) (a)
Of which items to be detailed line by line, e.g. Reciprocal cross holdings in Tier 2 instruments, direct holdings of non-significant investments in the capital of other financial sector entities, etc	

41c Amount to be deducted from or added to Additional Tier 1 capital with regard to additional filters and deductions required pre- CRR		467, 468, 481
Of which: ...possible filter for unrealised losses		467
Of which: ...possible filter for unrealised gains		468
Of which: ...		481
42 Qualifying T2 deductions that exceed the T2 capital of the institution (negative amount)		56 (e)
43 Total regulatory adjustments to Additional Tier 1 (AT1) capital		
44 Additional Tier 1 (AT1) capital		
45 Tier 1 capital (T1 = CET1 + AT1)	1,141	
<b>Tier 2 (T2) capital: instruments and provisions</b>		
46 Capital instruments and the related share premium accounts	200	62, 63
47 Amount of qualifying items referred to in Article 484 (5) and the related share premium accounts subject to phase out from T2		486 (4)
Public sector capital injections grandfathered until 1 January 2018		483 (4)
48 Qualifying own funds instruments included in consolidated T2 capital (including minority interests and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties		87, 88, 480
49 of which: instruments issued by subsidiaries subject to phase out		486 (4)
50 Credit risk adjustments	13	62 (c) & (d)
51 Tier 2 (T2) capital before regulatory adjustments	213	
<b>Tier 2 (T2) capital: regulatory adjustments</b>		
52 Direct and indirect holdings by an institution of own T2 instruments and subordinated loans (negative amount)		63 (b) (i), 66 (a), 67, 477 (2)
53 Holdings of the T2 instruments and subordinated loans of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)		66 (b), 68, 477 (3)
54 Direct and indirect holdings of the T2 instruments and subordinated loans of financial sector entities where the institution does not have a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)		66 (c), 69, 70, 79, 477 (4)
54a Of which new holdings not subject to transitional arrangements		
54b Of which holdings existing before 1 January 2013 and subject to transitional arrangements		
55 Direct and indirect holdings by the institution of the T2 instruments and subordinated loans of financial sector entities where the institution has a significant investment in those entities (net of eligible short positions) (negative amount)		66 (d), 69, 79, 477 (4)
56 Regulatory adjustments applied to tier 2 in respect of amounts subject to pre-CRR treatment and transitional treatments subject to phase out as prescribed in Regulation (EU) No 575/2013 (i.e. CRR residual amounts)		

56a	Residual amounts deducted from Tier 2 capital with regard to deduction from Common Equity Tier 1 capital during the transitional period pursuant to article 472 of Regulation (EU) No 575/2013	472, 472(3)(a), 472 (4), 472 (6), 472 (8) (a), 472 (9), 472 (10) (a), 472 (11) (a)
	Of which shortfall	
56b	Residual amounts deducted from Tier 2 capital with regard to deduction from Additional Tier 1 capital during the transitional period pursuant to article 475 of Regulation (EU) No 575/2013	475, 475 (2) (a), 475 (3), 475 (4) (a)
	Of which items to be detailed line by line, e.g. reciprocal cross holdings in at1 instruments, direct holdings of non significant investments in the capital of other financial sector entities, etc	
56c	Amount to be deducted from or added to Tier 2 capital with regard to additional filters and deductions required pre CRR	467, 468, 481
	Of which: ...possible filter for unrealised losses	467
	Of which: ...possible filter for unrealised gains	468
	Of which: ...	481
57	Total regulatory adjustments to Tier 2 (T2) capital	
58	Tier 2 (T2) capital	213
59	Total capital (TC = T1 + T2)	1,354
59a	Risk weighted assets in respect of amounts subject to pre-CRR treatment and transitional treatments subject to phase out as prescribed in Regulation (EU) No 575/2013(i.e. CRR residual amounts)	
	Of which: ...items not deducted from CET1 (Regulation (EU) No 575/2013 residual amounts)	472, 472 (5), 472 (8) (b), 472 (10) (b), 472 (11) (b)
	(items to be detailed line by line, e.g. Deferred tax assets that rely on future profitability net of related tax liability, indirect holdings of own CET1, etc)	
	Of which: ...items not deducted from AT1 items (Regulation (EU) No 575/2013 residual amounts)	475, 475 (2) (b), 475 (2) (c), 475 (4) (b)
	(items to be detailed line by line, e.g. Reciprocal cross holdings in T2 instruments, direct holdings of non-significant investments in the capital of other financial sector entities, etc)	
	Items not deducted from T2 items (Regulation (EU) No 575/2013 residual amounts)	477, 477 (2) (b), 477 (2) (c), 477 (4) (b)
	(items to be detailed line by line, e.g. Indirect holdings of own t2 instruments, indirect holdings of non significant investments in the capital of other financial sector entities, indirect holdings of significant investments in the capital of other financial sector entities etc)	
60	Total risk weighted assets	4,944



## Capital ratios and buffers

61 Common Equity Tier 1 (as a percentage of risk exposure amount)	23.1%	92 (2) (a), 465
62 Tier 1 (as a percentage of risk exposure amount)	23.1%	92 (2) (b), 465
63 Total capital (as a percentage of risk exposure amount)	27.4%	92 (2) (c)
64 Institution specific buffer requirement (CET1 requirement in accordance with article 92 (1) (a) plus capital conservation and countercyclical buffer requirements, plus systemic risk buffer, plus the systemically important institution buffer (G-SII or O-SII buffer), expressed as a percentage of risk exposure amount)	2.5%	CRD 128, 129, 130
65 of which: capital conservation buffer requirement	2.5%	
66 of which: countercyclical buffer requirement	0.0%	
67 of which: systemic risk buffer requirement		
67a of which: Global Systemically Important Institution (G-SII) or Other Systemically Important Institution (O-SII) buffer		CRD 131
68 Common Equity Tier 1 available to meet buffers (as a percentage of risk exposure amount)	17.1%	CRD 128
69 [non relevant in EU regulation]	NA	
70 [non relevant in EU regulation]	NA	
71 [non relevant in EU regulation]	NA	

## Amounts below the thresholds for deduction (before risk weighting)

72 Direct and indirect holdings of the capital of financial sector entities where the institution does not have a significant investment in those entities (amount below 10% threshold and net of eligible short positions)		36 (1) (h), 45, 46, 472 (10) 56 (c), 59, 60, 475 (4) 66 (c), 69, 70, 477 (4)
73 Direct and indirect holdings by the institution of the CET 1 instruments of financial sector entities where the institution has a significant investment in those entities (amount below 10% threshold and net of eligible short positions)		36 (1) (i), 45, 48, 470, 472 (11)
74 Empty Set in the EU		
75 Deferred tax assets arising from temporary differences (amount below 10% threshold, net of related tax liability where the conditions in Article 38 (3) are met)	7	36 (1) (c), 38, 48, 470, 472 (5)

## Applicable caps on the inclusion of provisions in Tier 2

76 Credit risk adjustments included in T2 in respect of exposures subject to standardized approach (prior to the application of the cap)		62
77 Cap on inclusion of credit risk adjustments in T2 under standardised approach		62
78 Credit risk adjustments included in T2 in respect of exposures subject to internal ratings-based approach (prior to the application of the cap)	13	62
79 Cap for inclusion of credit risk adjustments in T2 under internal ratings-based approach	23	62

Capital instruments subject to phase-out arrangements (only applicable

80 Current cap on CET1 instruments subject to phase out arrangements	484 (3), 486 (2) & (5)
81 Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	484 (3), 486 (2) & (5)
82 Current cap on AT1 instruments subject to phase out arrangements	484 (4), 486 (3) & (5)
83 Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)	484 (4), 486 (3) & (5)
84 Current cap on T2 instruments subject to phase out arrangements	484 (5), 486 (4) & (5)
85 Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	484 (5), 486 (4) & (5)

Table 3. Countercyclical capital buffer

General credit risk exposures		Trading book exposures		Own funds requirement						
EURm	SA <sup>1</sup>	IRB <sup>2</sup> approach	SA	Internal models approach	General credit exposures	Trading book exposures	Securitisati on exposures	Total	Own funds requiremen t weight (%)	Counter- cyclical buffer rate (%)
Countries with existing CCyB rate										
Czech Republic		0			0			0	0.0%	0.5%
Bulgaria		0			0			0	0.0%	0.5%
Luxembourg		14			0			0	0.0%	0.3%
Hong Kong		2			0			0	0.0%	1.0%
Norway		12			0			0	0.1%	1.0%
Slovakia		0			0			0	0.0%	1.0%
Sub-total		29			0			0	0.1%	
Countries with own funds requirements weight 1% or above and no existing CCyB rate										
Finland		28,539			307			307	98.4%	0.0%
Sub-total		28,539			307			307	98.4 %	
Countries with own funds requirement below 1% and no existing CCyB rate										
Sub-total		353			5			5	1.5%	
Total		28,921			312			312	100%	

<sup>1</sup> Standardised approach<sup>2</sup> Internal ratings based

Table 4. Leverage ratio disclosure templates

## LRSum: Summary reconciliation of accounting assets and leverage ratio exposures

EURm	Applicable Amounts
1 Total assets as per published financial statements	30,783
2 Adjustment for entities which are consolidated for accounting purposes but are outside the scope of regulatory consolidation	
3 (Adjustment for fiduciary assets recognised on the balance sheet pursuant to the applicable accounting framework but excluded from the leverage ratio exposure measure in accordance with Article 429(13) of Regulation (EU) No 575/2013 "CRR")	
4 Adjustments for derivative financial instruments	-73
5 Adjustments for securities financing transactions "SFTs"	
6 Adjustment for off-balance sheet items (ie conversion to credit equivalent amounts of off-balance sheet exposures)	194
EU-6a (Adjustment for intragroup exposures excluded from the leverage ratio exposure measure in accordance with Article 429 (7) of Regulation (EU) No 575/2013)	
EU-6b (Adjustment for exposures excluded from the leverage ratio exposure measure in accordance with Article 429 (14) of Regulation (EU) No 575/2013)	
7 Other adjustments	-56
8 Total leverage ratio exposure	30,848

## LRCom: Leverage ratio common disclosure

EURm	CRR leverage ratio exposures
On-balance sheet exposures (excluding derivatives and SFTs)	
1 On-balance sheet items (excluding derivatives, SFTs and fiduciary assets, but including collateral)	29,925
2 (Asset amounts deducted in determining Tier 1 capital)	-56
3 Total on-balance sheet exposures (excluding derivatives, SFTs and fiduciary assets) (sum of lines 1 and 2)	29,869

## Derivative exposures

4 Replacement cost associated with all derivatives transactions (ie net of eligible cash variation margin)	570
5 Add-on amounts for PFE associated with all derivatives transactions (mark-to-market method)	215
EU-5a Exposure determined under Original Exposure Method	
6 Gross-up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the applicable accounting framework	
7 (Deductions of receivables assets for cash variation margin	
8 (Exempted CCP leg of client-cleared trade exposures)	
9 Adjusted effective notional amount of written credit derivatives	
10 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	
11 Total derivative exposures (sum of lines 4 to 10)	785

## Securities financing transaction exposures

12 Gross SFT assets (with no recognition of netting), after adjusting for sales accounting transactions	
13 (Netted amounts of cash payables and cash receivables of gross SFT assets)	
14 Counterparty credit risk exposure for SFT assets	
EU-14a Derogation for SFTs: Counterparty credit risk exposure in accordance with Article 429b (4) and 222 of Regulation (EU) No 575/2013	
15 Agent transaction exposures	
EU-15a (Exempted CCP leg of client-cleared SFT exposure)	
16 Total securities financing transaction exposures (sum of lines 12 to 15a)	

## Other off-balance sheet exposures

17 Off-balance sheet exposures at gross notional amount	396
18 (Adjustments for conversion to credit equivalent amounts)	-203
19 Other off-balance sheet exposures (sum of lines 17 to 18)	194

## Exempted exposures in accordance with CRR Article 429 (7) and (14) (on and off balance sheet)

- EU-19a (Exemption of intragroup exposures (solo basis) in accordance with Article 429(7) of Regulation (EU) No 575/2013 (on and off balance sheet))
- EU-19b (Exposures exempted in accordance with Article 429 (14) of Regulation (EU) No 575/2013 (on and off balance sheet))

## Capital and total exposures

20 Tier 1 capital	1,141
21 Total leverage ratio exposures (sum of lines 3, 11, 16, 19, EU-19a and EU-19b)	30,848

## Leverage ratio

22 Leverage ratio	3.7%
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## Choice on transitional arrangements and amount of derecognised fiduciary items

22 Leverage ratio	Transitional
EU-24 Amount of derecognised fiduciary items in accordance with Article 429(11) of Regulation (EU) NO 575/2013	

## LRSpl: Split-up of on balance sheet exposures (excluding derivatives, SFTs and exempted exposures)

EURm	CRR leverage ratio exposures
EU-1 Total on-balance sheet exposures (excluding derivatives, SFTs, and exempted exposures), of which:	29,925
EU-2 Trading book exposures	
EU-3 Banking book exposures, of which:	29,925
EU-4 Covered bonds	
EU-5 Exposures treated as sovereigns	250
EU-6 Exposures to regional governments, MDB, international organisations and PSE NOT treated as sovereigns	
EU-7 Institutions	677
EU-8 Secured by mortgages of immovable properties	23,713
EU-9 Retail exposures	3,680
EU-10 Corporate	1,302
EU-11 Exposures in default	302
EU-12 Other exposures (eg equity, securitisations, and other non-credit obligation assets)	2

## LRQua: Free format text boxes for disclosure on qualitative items

- 1 Description of the processes used to manage the risk of excessive leverage

Nordea has policies and processes in place for the identification, management and monitoring of the excessive leverage. The leverage ratio is also part of Nordea's risk appetite framework

- 2 Description of the factors that had an impact on the leverage Ratio during the period to which the disclosed leverage ratio refers

Q4-Q4

The leverage ratio increased from 3.6% in Q4 2019 to 3.7% in Q4 2020.

The increase is mainly driven by increase of Tier1 Capital and increase of Other Assets.

Table 5. EU OV1: Overview of REA

EURm	REA		Minimum capital requirement	
	2020	2019	2020	2019
Credit risk (excluding counterparty credit risk) (CCR)	3,915	3,486	313	279
Of which standardised approach (SA) <sup>1</sup>	19	23	1	2
Of which foundation IRB (FIRB) approach	4	3	0	0
Of which advanced IRB approach	3,892	3,460	311	277
Of which AIRB	407	460	33	37
Of which Retail RIRB	3,485	3,001	279	240
Of which Equity IRB under the simple risk-weight or the IMA				
Counterparty credit risk				
Of which Marked to market <sup>2</sup>				
Of which Original exposure				
Of which standardised approach				
Of which internal model method (IMM)				
Of which Financial collateral simple method (for SFTs)				
Of which Financial collateral comprehensive method (for SFTs)				
Of which exposure amount for contributions to the default fund of a CCP				
Of which CVA				
Settlement risk				
Securitisation exposures in banking book (after the cap)				
Of which IRB supervisory formula approach (SFA)				
Market risk				
Of which standardised approach (SA)				
Of which IMA				
Large exposures				
Operational risk	299	287	24	23
Of which Standardised Approach	299	287	24	23
Amounts below the thresholds for deduction (subject to 250% risk weight)				
Additional risk exposure amount related to Finnish RW floor due to Article 458 CRR	722	835	58	67
Additional risk exposure amount related to Swedish RW floor due to Article 458 CRR	8	5	1	0
Article 3 CRR Buffer				
Pillar 1 total	4,944	4,613	396	369

<sup>1</sup> Excluding amounts below the thresholds for deduction (subject to 250% risk weight).

<sup>2</sup> Excludes exposures to CCPs.

Table 6. Original exposure by exposure class, end of year

2020, EURm	Original exposures	Average exposures
<b>IRB approach</b>		
Sovereign		
Institution	1	0
Corporate	1,327	1,452
- of which Advanced	1,327	1,452
Retail	27,860	26,888
- of which secured by immovable property	23,633	22,775
- of which other retail	3,741	3,623
- of which SME	486	491
Other non-credit obligation assets	2	6
<b>Total IRB approach</b>	<b>29,189</b>	<b>28,346</b>
<b>Standardised approach</b>		
Central government and central banks	250	250
Regional governments and local authorities		
Public Sector Entities		
Multilateral Development Banks		
International organizations		
Institution	1,460	1,504
Corporate		
Retail		
Exposures secured by real estate		
Exposures in default		
Items associated with particularly high risk		
Covered bonds		
Claims on institutions and corporates with short-term credit assessment		
Collective investments undertakings (CIU)		
Equity exposures		
Other		
<b>Total standardised approach</b>	<b>1,710</b>	<b>1,755</b>
<b>Total</b>	<b>30,899</b>	<b>30,101</b>
- of which loans	29,536	28,683
- of which debt securities		
- of which off-balance sheet exposures	396	382



Table 7. Exposure split by exposure class and by geography

EURm	Nordic countries	Baltic countries	Russia	US	Other	Total
<b>IRB exposure classes</b>						
Sovereign						
Institution	1					1
Corporate	1,310					1,310
- of which Advanced	1,310					1,310
Retail	27,319	13	5	33	239	27,609
- of which secured by immovable property	23,336	12	5	31	214	23,597
- of which other retail	3,497	1	0	3	25	3,527
- of which SME	485					485
Other non-credit obligation assets	2					2
<b>Total IRB approach</b>	<b>28,631</b>	<b>13</b>	<b>5</b>	<b>33</b>	<b>239</b>	<b>28,922</b>
<b>Standardised exposure classes</b>						
Central governments and central banks	374					374
Regional governments and local authorities	18					18
Institution	1,460					1,460
Corporate						
Retail						
Exposures secured by real estate						
Other						
<b>Total standardised approach</b>	<b>1,852</b>					<b>1,852</b>
<b>Total exposure</b>	<b>30,483</b>	<b>13</b>	<b>5</b>	<b>33</b>	<b>239</b>	<b>30,774</b>

Table 8. Exposure split by industry group and by main exposure class, 31 December 2020

EURm	IRB approach					Other non credit obligation assets
	Sovereign	Institution	Corporate	- of which SME	Retail	
Animal husbandry			0	0		
Capital goods			0	0	0	
Commercial & prof. services			3	3	2	
Construction			4	4	1	
Consumer durables						
Consumer staples (food and health care)			7	6	1	
Crops etc			1	1	0	
Financial institutions			4	3	1	
Fishing and aquaculture						
Land transportation and IT			0	0	1	
Maritime (shipping)						
Materials						
Media, leisure and telecom			2	2	1	
Oil, gas and offshore						
Paper, forest and mining			0	0		
Real estate commercial properties			1,245	1,160	10	
Real estate residential properties			41	27	468	
Retail trade			0	0	1	
Utilities and public services			2	2	1	
Wholesale trade			0	0	0	
Other		1	0		27,123	2
Total exposure		1	1,310	1,210	27,609	2

Table 9. Exposure secured by collaterals, guarantees and credit derivatives, split by exposure class,  
31 December 2020

EURm	Original exposure	Exposure	- of which secured by guarantees and credit derivatives	- of which secured by collateral	Average weighted LGD <sup>1</sup>
<b>IRB exposure classes</b>					
Sovereign					
Institution	1	1			45.0%
Corporate	1,327	1,310	15	1,214	20.7%
- of which Advanced	1,327	1,310	15	1,214	20.7%
Retail	27,860	27,609	192	24,479	15.6%
- of which secured by immovable property	23,633	23,597		23,597	14.6%
- of which other retail	3,741	3,527	191	408	21.8%
- of which SME	486	485	1	475	17.4%
Other non-credit obligation assets	2	2			n.a.
<b>Total IRB approach</b>	<b>29,189</b>	<b>28,922</b>	<b>206</b>	<b>25,694</b>	<b>15.8%</b>
<b>Standardised exposure classes</b>					
Central government and central banks	250	374			
Regional governments and local authorities		18			
Institution	1,460	1,460			
Corporate					
Retail					
Exposures secured by real estate					
Other					
<b>Total standardised approach</b>	<b>1,710</b>	<b>1,852</b>			
<b>Total</b>	<b>30,899</b>	<b>30,774</b>	<b>206</b>	<b>25,694</b>	

<sup>1</sup> IRB total average LGD is excluding Other non-credit obligation assets.

Table 10. Distribution of collateral

	31 December 2020	31 December 2019
Financial collateral	0.2%	0.2%
Receivables		
Residential real estate	99.0%	99.1%
Commercial real estate	0.7%	0.6%
Other physical collateral	0.1%	0.1%
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>

Table 11. Residual maturity broken down by exposure classes

EURm	< 1 year	1-3 years	3-5 years	>5 years	Total exposure
IRB exposure classes					
Sovereign					
Institution				1	1
Corporate	16	18	48	1,228	1,310
- of which Advanced	16	18	48	1,228	1,310
Retail	453	600	898	25,658	27,609
- of which secured by immovable property	323	481	744	22,049	23,597
- of which other retail	124	86	99	3,219	3,527
- of which SME	6	34	55	390	485
Other non-credit obligation assets				2	2
<b>Total IRB approach</b>	<b>469</b>	<b>618</b>	<b>946</b>	<b>26,888</b>	<b>28,922</b>
Standardised exposure classes					
Central government and central banks	1	5	9	360	374
Regional governments and local authorities	0	2	1	15	18
Institution			608	852	1,460
Corporate					
Retail					
Exposures secured by real estate					
Other					
<b>Total standardised approach</b>	<b>1</b>	<b>6</b>	<b>618</b>	<b>1,227</b>	<b>1,852</b>
<b>Total</b>	<b>470</b>	<b>624</b>	<b>1,564</b>	<b>28,115</b>	<b>30,774</b>

Table 12. Liquidity coverage ratio

EURm	Total weighted value (average)			
	31 Dec 2020	30 Sep 2020	30 Jun 2020	31 Mar 2020
Liquidity buffer	351	481	494	524
Total net cash outflows	85	171	173	207
Liquidity coverage ratio	2632%	2909%	3048%	3689%
Number of data points used in the calculation of averages	12	12	12	12

2019 EURm	Total weighted value (average)			
	31 Dec 2019	2019	30 Jun 2019	31 Mar 2019
Liquidity buffer	637	621	721	572
Total net cash outflows	205	209	242	135
Liquidity coverage ratio	6767%	6752%	6196%	5769%
Number of data points used in the calculation of averages				

Table 13. Exposure, impaired exposures, past due exposures and allowances, split by sectors

EURm	Impaired loans (stage 3)	Past due exposures	Credit risk adjustments <sup>1</sup>	- of which charges during the reporting period
Households	234.0	243.7	-21.3	-11.0
Non financial corporations	6.7	8.8	-2.4	-1.0
Other	0.0	0.0	0.0	0.0
Total in banking operations	240.7	252.6	-23.7	-12.0

<sup>1</sup> On balance for loans AC, stage 1,2 and 3

Table 14. Exposure, impaired exposures, past due exposures and allowances, split by significant geographic area

EURm	Original exposure	Impaired loans (stage 3)	Past due exposures
Finland	30,515	238.9	250.8
Sweden	66	0.1	0.1
Other	318	1.7	1.7
<b>Total</b>	<b>30,899</b>	<b>240.7</b>	<b>252.6</b>



Table 15. Reconciliation of allowance accounts

EURm	Specific credit risk adjustments <sup>1</sup>		
	Individually assessed, stage 3	Collectively assessed, stage 1&2	Total
Opening balance according to IFRS9	-5.3	-6.3	-11.7
Changes through the income statement	-7.1	-4.9	-12.0
- Of which Provisions	0.0	0.0	0.0
- Of which Reversals	0.4	0.0	0.4
- Of which Net model effect	-7.5	-4.9	-12.4
Allowances used to cover write-offs	0.0	0.0	0.0
Other changes/Currency translation differences	0.0	0.0	0.0
Closing balance	-12.5	-11.3	-23.7

<sup>1</sup> On balance for loans AC