

Nordea



Capital and Risk Management Report

Second Quarter 2022

**Provided by Nordea Bank Abp on the basis of its consolidated
situation**

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EU KM1 - Overview of risk weighted exposure amounts

During Q2 2022 Nordea CCR Group total own funds decreased by EUR 62m, of which CET1 decreased by EUR 99m, AT1 increased by EUR 160m and T2 decreased by EUR 124m. The CET1 decrease was mainly driven by FX effects in retained earnings following the depreciating NOK and SEK, partly offset by profit net of accrued dividend. AT1 increased due to FX effect on contracts in USD, and T2 decreased mainly driven by decreased IRB excess and regulatory amortisation of Tier 2 instruments. The decrease of REA by EUR 3 315m was mainly stemming from decreased Credit risk, partly offset by increased Market risk. Leverage ratio increased from 4.8% to 4.9% as a result of decreased LR total exposure measure. LCR decreased by 6pp mainly due to increased total net cash outflows. Finally, NSFR increased from 112% to 113% mainly driven by a decrease in total required as well as available stable funding.

Available own funds (amounts), EURm ^{1) 2)}	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Common Equity Tier 1 (CET1) capital	25 031	25 130	25 880	25 745	27 440
Tier 1 capital	28 379	28 317	29 012	28 826	29 628
Total capital	31 530	31 592	32 275	32 083	32 372

Risk-weighted exposures amounts (REA), EURm	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Total risk-weighted exposure amount	150 723	154 039	151 906	152 563	152 222

Capital ratios (as a percentage of risk-weighted exposure amount)	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Common Equity Tier 1 ratio (%)	16,6%	16,3%	17,0%	16,9%	18,0%
Tier 1 ratio (%)	18,8%	18,4%	19,1%	18,9%	19,5%
Total capital ratio (%)	20,9%	20,5%	21,2%	21,0%	21,3%

Additional own funds requirements based on SREP (as a percentage of risk-weighted exposure amount)	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Additional own funds requirements to address risks other than the risk of excessive leverage (%)	1,8%	1,8%	1,8%	1,8%	1,8%
of which: to be made up of CET1 capital (percentage points)	1,0%	1,0%	1,0%	1,0%	1,0%
of which: to be made up of Tier 1 capital (percentage points)	1,3%	1,3%	1,3%	1,3%	1,3%
Total SREP own funds requirements (%)	9,8%	9,8%	9,8%	9,8%	9,8%

Combined buffer requirement (as a percentage of risk-weighted exposure amount)	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Capital conservation buffer (%)	2,5%	2,5%	2,5%	2,5%	2,5%
Conservation buffer due to macro-prudential or systemic risk identified at the level of a Member State (%)	0,0%	0,0%	0,0%	0,0%	0,0%
Institution specific countercyclical capital buffer (%)	0,3%	0,2%	0,2%	0,2%	0,2%
Systemic risk buffer (%)	0,0%	0,0%	0,0%	0,0%	0,0%
Global Systemically Important Institution buffer (%)	0,0%	0,0%	0,0%	0,0%	0,0%
Other Systemically Important Institution buffer	2,0%	2,0%	2,0%	2,0%	2,0%
Combined buffer requirement (%)	4,8%	4,7%	4,7%	4,7%	4,7%
Overall capital requirements (%)	14,6%	14,5%	14,5%	14,5%	14,5%
CET1 available after meeting the total SREP own funds requirements (%)	11,2%	10,8%	11,3%	11,1%	11,5%

Leverage ratio ^{1) 2)}	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Leverage ratio total exposure measure	580 630	589 760	536 512	578 554	555 022
Leverage ratio	4,9%	4,8%	5,4%	5,0%	5,3%

Additional own funds requirements to address risks of excessive leverage (as a percentage of leverage ratio total exposure amount)	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Additional own funds requirements to address the risk of excessive leverage (%)	0,0%	0,0%	0,0%	0,0%	0,0%
of which: to be made up of CET1 capital (percentage points)	0,0%	0,0%	0,0%	0,0%	0,0%
Total SREP leverage ratio requirements (%)	3,0%	3,0%	3,0%	3,0%	3,0%

Leverage ratio buffer and overall leverage ratio requirement (as a percentage of total exposure measure)	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Leverage ratio buffer requirement (%)	0,0%	0,0%	0,0%	0,0%	0,0%
Overall leverage ratio requirement (%)	3,0%	3,0%	3,0%	3,0%	3,0%

Liquidity Coverage Ratio	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Total high-quality liquid assets (HQLA) (Weighted value - average)	121 631	122 173	98 245	127 669	104 440
Cash outflows - Total weighted value	97 478	97 426	71 428	89 539	77 754
Cash inflows - Total weighted value	14 609	17 782	10 084	13 693	12 199
Total net cash outflows (adjusted value)	82 870	79 644	61 344	75 846	65 555
Liquidity coverage ratio (%)	147%	153%	160%	168%	159%

Net Stable Funding Ratio	2022 Q2	2022 Q1	2021 Q4	2021 Q3	2021 Q2
Total available stable funding	308 428	316 764	311 752	313 811	311 753
Total required stable funding	273 349	281 718	280 517	274 892	272 020
NSFR ratio (%)	113%	112%	111%	114%	115%

1) In Q2 2022 profit for the period is included in Own Funds

2) After ECB approval profits for Q1 2022 have been included in Own Funds and appropriate items have been adjusted

EU CC1 - Composition of regulatory own funds

In the second quarter of 2022 CET1 after regulatory adjustments was EURm 25 031 (in fourth quarter of 2021 it was EURm 25 880). The decrease was caused mainly by increased CET1 capital elements and deductions with the second part of share buy back program, decrease in retained earnings and partially offset by increase of accumulated OCI due to recycled OCI from Russia. AT1 after regulatory adjustments in Q2 2022 has increased and reached EURm 3 348 (in Q4 2021 it was EURm 3 132) mainly due to FX-effect. T2 capital after regulatory adjustments in Q2 2022 decreased and reached EURm 3 151 (in Q4 2021 it was EURm 3 263) mainly due to FX-effect. As a result Total Capital for Q2 2022 reached EURm 31 530 and Total REA was EURm 150 723.

EURm	Amounts	Source based on reference
Common Equity Tier 1 (CET1) capital: instruments and reserves		
1 Capital instruments and the related share premium accounts	5 130	11, 12
of which: Instrument type 1	4 050	
of which: Instrument type 2		
of which: Instrument type 3		
2 Retained earnings	23 253	13, 14, 18
3 Accumulated other comprehensive income (and other reserves)	226	15
EU-3a Funds for general banking risk		
4 Amount of qualifying items referred to in Article 484 (3) and the related share premium accounts subject to phase out from CET1		
5 Minority interests (amount allowed in consolidated CET1)		
EU-5a Independently reviewed interim profits net of any foreseeable charge or dividend	29	17
6 Common Equity Tier 1 (CET1) capital before regulatory adjustments	28 638	
Common Equity Tier 1 (CET1) capital: regulatory adjustments		
7 Additional value adjustments (negative amount)	-255	
8 Intangible assets (net of related tax liability) (negative amount)	-2 771	1
9 Empty set in the EU	N/A	
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)	-4	2, 4
11 Fair value reserves related to gains or losses on cash flow hedges of financial instruments that are not valued at fair value	-121	16
12 Negative amounts resulting from the calculation of expected loss amounts		
13 Any increase in equity that results from securitised assets (negative amount)		
14 Gains or losses on liabilities valued at fair value resulting from changes in own credit standing	-12	
15 Defined-benefit pension fund assets (negative amount)	-280	3
16 Direct and indirect holdings by an institution of own CET1 instruments (negative amount)	-17	20
17 Direct, indirect and synthetic holdings of the CET 1 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)		
18 Direct, indirect and synthetic 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 10% threshold and net of eligible short positions) (negative amount)		
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)		
20 Empty set in the EU	N/A	
EU-20a Exposure amount of the following items which qualify for a RW of 1250%, where the institution opts for the deduction alternative		
EU-20b of which: qualifying holdings outside the financial sector (negative amount)		
EU-20c of which: securitisation positions (negative amount)		
EU-20d of which: free deliveries (negative amount)		
21 Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability where the conditions in Article 38 (3) are met) (negative amount)		
22 Amount exceeding the 17,65% threshold (negative amount)		
23 of which: 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		
24 Empty set in the EU	N/A	
25 of which: deferred tax assets arising from temporary differences		
EU-25a Losses for the current financial year (negative amount)		
EU-25b Foreseeable tax charges relating to CET1 items except where the institution suitably adjusts the amount of CET1 items insofar as such tax charges reduce the amount up to which those items may be used to cover risks or losses (negative amount)		
26 Empty set in the EU	N/A	
27 Qualifying AT1 deductions that exceed the AT1 items of the institution (negative amount)		
27a Other regulatory adjustments (<i>including IFRS 9 transitional adjustments when relevant</i>)	-147	
28 Total regulatory adjustments to Common Equity Tier 1 (CET1)	-3 607	
29 Common Equity Tier 1 (CET1) capital	25 031	
Additional Tier 1 (AT1) capital: instruments		
30 Capital instruments and the related share premium accounts	3 376	5
31 of which: classified as equity under applicable accounting standards	749	19
32 of which: classified as liabilities under applicable accounting standards	2 627	
33 Amount of qualifying items referred to in Article 484 (4) and the related share premium accounts subject to phase out from AT1 as described in Article 486(3) of CRR		6
EU-33a Amount of qualifying items referred to in Article 494a(1) subject to phase out from AT1		
EU-33b Amount of qualifying items referred to in Article 494b(1) subject to phase out from AT1		
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		
35 of which: instruments issued by subsidiaries subject to phase out		

EURm	Amounts	Source based on reference
Common Equity Tier 1 (CET1) capital: instruments and reserves		
36 Additional Tier 1 (AT1) capital before regulatory adjustments	3 160	
Additional Tier 1 (AT1) capital: regulatory adjustments		
37 Direct and indirect holdings by an institution of own AT1 instruments (negative amount)	-1	7
38 Direct, indirect and synthetic 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)		
39 Direct, indirect and synthetic holdings of the AT1 instruments 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)		
40 Direct, indirect and synthetic holdings by the institution of the AT1 instruments of financial sector entities where the institution has a significant investment in those entities (net of eligible short positions) (negative amount)		
41 Empty set in the EU	N/A	
42 Qualifying T2 deductions that exceed the T2 items of the institution (negative amount)		
42a Other regulatory adjustments to AT1 capital	-27	
43 Total regulatory adjustments to Additional Tier 1 (AT1) capital	-29	
44 Additional Tier 1 (AT1) capital	3 348	
45 Tier 1 capital (T1 = CET1 + AT1)	28 379	
Tier 2 (T2) capital: instruments		
46 Capital instruments and the related share premium accounts	3 334	8
47 Amount of qualifying items referred to in Article 484 (5) and the related share premium accounts subject to phase out from T2 as described in Article 486 (4) CRR		9
EU-47a Amount of qualifying items referred to in Article 494a (2) subject to phase out from T2		
EU-47b Amount of qualifying items referred to in Article 494b (2) subject to phase out from T2		
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		
49 of which: instruments issued by subsidiaries subject to phase out		
50 Credit risk adjustments	531	
51 Tier 2 (T2) capital before regulatory adjustments	3 865	
Tier 2 (T2) capital: regulatory adjustments		
52 Direct and indirect holdings by an institution of own T2 instruments and subordinated loans (negative amount)		10
53 Direct, indirect and synthetic 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)		
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)		
54a Empty set in the EU	N/A	
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)	-650	
56 Empty set in the EU	N/A	
EU-56a Qualifying eligible liabilities deductions that exceed the eligible liabilities items of the institution (negative amount)		
56b Other regulatory adjustments to T2 capital	-64	
57 Total regulatory adjustments to Tier 2 (T2) capital	-650	
58 Tier 2 (T2) capital	3 151	
59 Total capital (TC = T1 + T2)	31 530	
60 Total risk exposure amount	150 723	
Capital ratios and buffers		
61 Common Equity Tier 1 (as a percentage of total risk exposure amount)	16,6%	
62 Tier 1 (as a percentage of total risk exposure amount)	18,8%	
63 Total capital (as a percentage of total risk exposure amount)	20,9%	
64 Institution CET1 overall capital requirement (CET1 requirement in accordance with Article 92 (1) CRR, plus additional CET1 requirement which the institution is required to hold in accordance with point (a) of Article 104(1) CRD, plus combined buffer requirement in accordance with Article 128(6) CRD) expressed as a percentage of risk exposure amount)	10,3%	
65 of which: capital conservation buffer requirement	2,5%	
66 of which: countercyclical buffer requirement	0,3%	
67 of which: systemic risk buffer requirement		
EU-67a of which: Global Systemically Important Institution (G-SII) or Other Systemically Important Institution (O-SII) buffer	2,0%	
EU-67b of which: additional own funds requirements to address the risks other than the risk of excessive leverage	1,0%	
68 Common Equity Tier 1 available to meet buffer (as a percentage of risk exposure amount)	11,2%	
69 [non relevant in EU regulation]	N/A	
70 [non relevant in EU regulation]	N/A	
71 [non relevant in EU regulation]	N/A	
Amounts below the thresholds for deduction (before risk weighting)		
72 Direct and indirect holdings of own funds and eligible liabilities 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)	100	
73 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 (amount below 17.65% thresholds and net of eligible short positions)	1 879	
74 Empty set in the EU	N/A	

EURm	Amounts	Source based on reference
Common Equity Tier 1 (CET1) capital: instruments and reserves		
75 Deferred tax assets arising from temporary differences (amount below 17.65% threshold, net of related tax liability where the conditions in Article 38 (3) are met)	50	
Applicable caps on the inclusion of provisions in Tier 2		
76 Credit risk adjustments included in T2 in respect of exposures subject to standardised approach (prior to the application of the cap)		
77 Cap on inclusion of credit risk adjustments in T2 under standardised approach		
78 Credit risk adjustments included in T2 in respect of exposures subject to internal ratings-based approach (prior to the application of the cap)		
79 Cap for inclusion of credit risk adjustments in T2 under internal ratings-based approach	600	
Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2014 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	197	
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	111	
85 Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)		

EU CC2 - Reconciliation of regulatory own funds to balance sheet in the audited financial statements

In second quarter of 2022 the difference between regulatory own funds and audited financial statement remained stable. On the asset side the difference is stemming from Intangible assets (EUR 164m) and on liabilities from subordinated liabilities (EUR 650m). In equity the biggest difference is related to retained earnings (EUR 736m) and profit for the year (EUR 136m).

2022 Q2, EURm	Balance sheet as in published financial statements As at period end	Under regulatory scope of consolidation As at period end	Reference
Assets			
Intangible assets	3 698	3 534	
- of which: Goodwill and other intangible assets	-2 934	-2 771	8
Deferred tax assets	58	54	
- of which: Deferred tax assets that rely on future profitability excluding those arising from temporary differences	8	4	10 ³
Retirement benefit assets	371	371	
- of which: Retirement benefit assets net of tax	-280	-280	15
Liabilities			
Deferred tax liabilities	567	541	
- of which: Deductible Deferred tax liabilities associated with Deferred tax assets that rely on future profitability and do not arise from temporary differences	78	78	10 ³
Subordinated liabilities	6 993	6 343	
- of which: AT1 Capital instruments and the related share -premium accounts	3 376	3 376	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	-1	-1	37
- of which: T2 Capital instruments and the related share -premium accounts	3 334	3 334	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
Equity			
Share capital	4 050	4 050	1
Share premium reserve	1 080	1 080	
- of which: Capital instruments and the related share -premium accounts	1 080	1 080	1
- of which: Retained earnings			2
Other reserves	1 427	1 404	
- of which: Retained earnings	-1 628	-1 630	2
- of which: Accumulated other comprehensive income	201	226	3
- of which: Fair value reserves related to gains or losses on cash flow hedges	121	121	11
Retained earnings net of proposed dividend	26 516	25 644	
- of which: Profit/loss for the year	165	29	EU-5a
- of which: Retained earnings	25 619	24 883	2
- of which: Capital loan included in AT1 Capital	749	749	31
- of which: Direct holdings by an institution of own CET1 instruments (negative Amount)	-17	-17	16

1) Nordea Group is the accounting group as disclosed in the Annual Report

2) Nordea consolidated situation in accordance with CRR

3) Deferred tax assets that rely on future profitability and do not arise from temporary differences net of associated tax liabilities.

EU OV1 - Overview of total risk exposure amounts

The table provides an overview of total REA in Q2 2022 where credit risk accounted for the largest risk type with approximately 74.01% of Pillar I REA. Operational risk and Market risk accounted for the second and third largest risk types. REA decreased by EUR (3.3bn) in the second quarter of 2022, mainly stemming from credit risk (EUR 3.8 bn) and counterparty credit risk (0.9bn). Higher credit risk REA was mainly driven by decrease of the advanced IRB approach. The increased Swedish P1 risk-weight floor was mainly driven by decreased volume in the underlying portfolio.

EURm	REA		Minimum capital requirement	
	2022 Q2	2022 Q1	2022 Q2	2022 Q1
Credit risk (excluding counterparty credit risk) (CCR)	111 547	115 346	8 924	9 228
Of which the standardised approach (SA)	15 315	16 581	1 225	1 326
Of which the foundation IRB (FIRB) approach	11 737	11 607	939	929
Of which slotting approach				
Of which equities under the simple riskweighted approach				
Of which the advanced IRB approach	84 496	87 159	6 760	6 973
Of which AIRB				
Of which Retail RIRB				
Counterparty credit risk	4 834	4 927	387	394
Of which Marked to market				
Of which Original exposure				
Of which the standardised approach	465	627	37	50
Of which internal model method (IMM)	2 577	2 515	206	201
Of which Financial collateral simple method (for SFTs)				
Of which Financial collateral comprehensive method (for SFTs)				
Of which exposure to a CCP	119	89	10	7
Of which credit valuation adjustment - CVA	990	1 008	79	81
Of which other CCR	682	687	55	55
Settlement risk	0	0	0	0
Securitisation exposures in banking book (after the cap)	1 152	878	92	70
Of which SEC-IRBA approach	1 152	878	92	70
Of which SEC-ERBA (including IAA)				
Of which SEC-SA approach				
Of which 1250% deduction				
Market risk	5 841	5 334	467	427
Of which standardised approach (SA)	652	671	52	54
Of which IMA	5 189	4 663	415	373
Large exposures				
Operational risk	15 025	15 025	1 202	1 202
Of which basic indicator approach				
Of which standardised approach	15 025	14 306	1 202	1 144
Of which advanced measurement approach				
Amounts below the thresholds for deduction (subject to 250% risk weight)	15 025	15 025	1 202	1 202
Additional risk exposure amount related to Finnish RW floor due to Article 458 CRR				
Additional risk exposure amount related to Swedish RW floor due to Article 458 CRR	12 325	12 528	986	1 002
Article 3 CRR Buffer				
Pillar 1 total	150 723	154 039	12 058	12 323

EU CR1 - Performing and non-performing exposures and related provisions

Total gross carrying amount of performing- and non-performing loans and advances amounted to EUR 332bn at the end of Q2 2022, of which non-performing amounted to EUR 3.2bn (EUR 4.2bn). Allowances in stage 3 for non-performing loans and advances were EUR 1.2bn at the end of Q2 2022 (EUR 1.7bn). During the first half of the year 2022, the coverage ratio according to IFRS9 for non-performing exposures at amortised cost decreased slightly, to 45% from 46% end of 2021. Including loans and advances FV through PL, the coverage ratio decreased to 38% from 40% end of 2021.

		a	b	c	d	e	f	g	h	i	j	k	l	m	n		o
		Gross carrying amount/nominal amount						Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions						Accumulated partial write-off	Collaterals and financial guarantees received		
		Performing exposures		Non-performing exposures		Performing exposures - Accumulated impairment and provisions		Non-performing exposures - Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions		Accumulated negative changes in fair value due to credit risk and provisions		On performing exposures	On non-performing exposures				
		of which: stage 1	of which: stage 2	of which: stage 2	of which: stage 3	of which: stage 1	of which: stage 2	of which: stage 2	of which: stage 3								
2022Q2, EURm																	
005	Cash balances at central banks and other demand deposits	71 410	71 378	31	15		15										
010	Loans and advances	329 107	316 023	13 084	3 238		3 238	-611	-202	-409	-1 241		-1 241	0	236 791	1 559	
020	Central banks	0	0	0	0			0	0					0	0	0	
030	General governments	3 398	3 308	90	34		34	-1	0	0	-2		-2	0	594	32	
040	Credit institutions	1 025	1 018	8	15		15	-3	-3	-1	-15		-15	0	131	1	
050	Other financial corporations	12 296	12 230	66	49		49	-9	-4	-5	-30		-30	0	2 691	2	
060	Non-financial corporations	129 208	123 308	5 900	1 945		1 945	-364	-132	-232	-869		-869	0	73 840	746	
070	Of which: SMEs	50 803	48 246	2 557	820		820	-157	-33	-124	-400		-400	0	40 402	268	
080	Households	183 180	176 159	7 021	1 195		1 195	-234	-63	-171	-326		-326	0	159 534	779	
090	Debt Securities	52 421	52 421					-3	-3								
100	Central banks	7 120	7 120					0	0								
110	General governments	15 692	15 692					-1	-1								
120	Credit institutions	28 461	28 461					-1	-1								
130	Other financial corporations	473	473					0	0								
140	Non-financial corporations	675	675					0	0								
150	Off-balance sheet exposures	114 529	110 881	3 648	357		357	-155	-42	-113	-28		-28		10 511	9	
160	Central banks	4	4					0	0								
170	General governments	6 977	6 975	2				0	0	0					4		
180	Credit institutions	2 994	2 764	230			0	-2	-2	0	-4		-4		177		
190	Other financial corporations	4 120	3 992	129	3		3	-3	-1	-2	0		0		332	0	
200	Non-financial corporations	66 237	63 774	2 463	326		326	-86	-25	-61	-7		-7		8 114	7	
210	Households	34 196	33 372	824	28		28	-64	-15	-49	-16		-16		1 884	2	
220	Total	567 467	550 703	16 764	3 610		3 610	-769	-247	-521	-1 269		-1 269		247 302	1 568	

		a	b	c	d	e	f	g	h	i	j	k	l	m	n		o
		Gross carrying amount/nominal amount						Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions						Accumulated partial write-off	Collaterals and financial guarantees received		
		Performing exposures		Non-performing exposures		Performing exposures - Accumulated impairment and provisions		Non-performing exposures - Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions				On performing exposures	On non-performing exposures				
		of which: stage 1	of which: stage 2	of which: stage 2	of which: stage 3	of which: stage 1	of which: stage 2	of which: stage 2	of which: stage 3								
2021Q4, EURm																	
005	Cash balances at central banks and other demand deposits	48 058	48 046	12													
010	Loans and advances	328 023	315 320	12 703	4 171		4 171	-597	-198	-399	-1 671		-1 671		244 135	1 808	
020	Central banks	0	0					0	0								
030	General governments	4 597	4 496	101	34		34	-1	0	0	-2		-2		4 574	32	
040	Credit institutions	676	662	14				-1	0	0					673		
050	Other financial corporations	11 350	11 237	113	51		51	-9	-3	-6	-14		-14		2 521	1	
060	Non-financial corporations	124 073	118 232	5 841	2 733		2 733	-346	-110	-236	-1 251		-1 251		76 670	1 070	
070	Of which: SMEs	52 200	49 466	2 735	929		929	-165	-34	-132	-443		-443		39 196	333	
080	Households	187 327	180 693	6 634	1 353		1 353	-241	-84	-157	-404		-404		159 696	705	
090	Debt Securities	52 499	52 489	10				-15	-5	-10							
100	Central banks	8 528	8 528					0	0	0							
110	General governments	14 795	14 791	4				-5	-1	-4							
120	Credit institutions	27 929	27 929					-1	-1	0							
130	Other financial corporations	511	511					-1	-1	0							
140	Non-financial corporations	737	731	6				-8	-2	-6							
150	Off-balance sheet exposures	115 675	111 394	4 280	400		400	-163	-35	-128	-20		-20		12 854	10	
160	Central banks	1	1														
170	General governments	7 118	7 115	2				0	0	0					4		
180	Credit institutions	3 512	3 371	141				-1	-1	0					101		
190	Other financial corporations	3 838	3 713	125	2		2	-3	-1	-2	0		0		433		
200	Non-financial corporations	67 684	64 499	3 186	368		368	-101	-18	-83	-15		-15		10 431	8	
210	Households	33 522	32 696	826	30		30	-58	-16	-43	-6		-6		1 885	2	
220	Total	544 254	527 249	17 005	4 571		4 571	-775	-238	-536	-1 691		-1 691		256 989	1 818	

EU CR1-A - Maturity of exposures

EU CR1-A discloses net exposure values for on-balance sheet exposures. For exposures treated under the IRB approach, about 58 % were in the > 5 years bucket. For corporate IRB, most exposures were within the one to five year bucket, whereas retail exposures were mostly within the > 5 years maturity. Sovereign exposures were predominantly in the on demand category, mainly explained by accounts in central banks.

	Net exposure value					
	On demand	>= 1 year	> 1 year >= 5 years	>5 years	No stated maturity	Total
IRB Approach						
Central governments or central banks						
Institutions	1 119	5 255	17 123	1 496	1 333	26 325
Corporates	7 871	35 823	50 453	27 977	3 901	126 025
Of which: Specialised lending		3	19	24	0	46
Of which: SMEs		12 113	20 967	17 051	2 076	52 208
Retail		2 850	7 641	164 956	3 913	179 360
Secured by real estate property		1 411	4 553	149 291	113	155 368
SMEs		116	228	620	5	970
Non-SMEs		1 294	4 324	148 669	111	154 398
Other Retail		1 364	2 981	15 836	3 812	23 992
SMEs		388	477	203	63	1 131
Non-SMEs		976	2 504	15 633	3 748	22 861
Equity						
Other non-credit obligation assets		1 451	1 956	216		3 623
Total IRB Approach	8 990	45 379	77 173	194 643	9 147	335 333
Standardised Approach						
Central governments or central banks	70 784	167	15 350	4 324	5 394	96 020
Regional governments or local authorities		467	1 424	270	659	2 820
Public sector entities						
Multilateral Development Banks		208	695	190	0	1 093
International Organisations			162	253		415
Institutions		19	86		0	105
Corporates		351	800	170	343	1 662
Of which: SMEs		195	587	80	241	1 102
Retail		326	1 935	2 328	46	4 634
Of which: SMEs		86	540	140	13	779
Secured by mortgages on immovable property		118	67	4 652	4	4 841
Of which: SMEs		0	0	31	4	36
Exposures in default		6	26	26	3	62
Items associated with particularly high risk						
Covered bonds		68	214	20		301
Claims on institutions and corporates with a short-term credit assessment						
Collective investments undertakings (CIU)					1 069	1 069
Equity exposures		1			2 412	2 413
Other exposures		269	430	2		701
Total SA Approach	70 784	1 999	21 188	12 233	9 931	116 136
Total	79 775	47 378	98 362	206 877	19 077	451 469

EU CR3 - CRM techniques overview: Disclosure of the use of risk mitigation techniques

At second quarter end 2022, 53% of Nordea's total exposures have at least one Credit Risk Mitigation (CRM) mechanism (collateral, financial guarantees, credit derivatives). The majority of those are secured by real estate collaterals. The growth in secured exposures was mainly driven by increased residential mortgage volumes throughout the entire year.

		Unsecured	Secured			
				of which secured by collateral	of which secured by guarantees	of which secured by credit derivatives
2022 Q2, EURm		a	b	c	d	e
1	Loans and advances	163 966	242 814	231 893	10 921	
2	Debt securities	52 421				
3	Total	216 388	242 814	231 893	10 921	
4	Of which non-performing exposures	1 936	1 301	1 048	253	
5	Of which defaulted					

EU CR4 - Standardised approach: Credit risk exposure and Credit Risk Mitigation (CRM) effects

Total exposure amount before CCF and CRM amounted to EUR 126.4bn. The on-balance sheet exposure in Q2 amounted to EUR 116.1bn of the exposure (compared to EUR 96.6 bn in Q4 2021). The increase in on-balance exposure was mainly driven by the Central governments or central banks exposure class. The REA density decreased by 3.4 percentage points (from 15.8% to 12.4%) mainly driven by a increase within the 0% risk weight bucket as a result of increased Central governments and central banks exposures.

2022 Q2, EURm	Exposures before CCF and CRM		Exposures post-CCF and CRM		REA	REA density
	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount		
Asset classes						
Central governments or central banks	96 020	967	99 654	790	133	0%
Regional governments or local authorities	2 820	6 625	3 543	1 039	24	1%
Public sector entities						
Multilateral development banks	1 093	20	1 094	3		
International organisations	415		415			
Institutions	105	0	105	0	21	20%
Corporate	1 662	435	1 660	100	1 622	92%
Retail	4 634	884	4 614	265	3 619	74%
Secured by mortgages on immovable property	4 841	686	4 841	103	1 732	35%
Exposures in default	62	2	60	0	87	144%
Exposures associated with particularly high risk						
Covered bonds	301		301		30	10%
Collective investments undertakings (CIU)	1 069	664	1 069	332	2 285	163%
Equity	2 413		2 413		5 238	217%
Other items	701		688		524	76%
Total	116 136	10 283	120 458	2 633	15 315	12%

2021 Q4, EURm	Exposures before CCF and CRM		Exposures post-CCF and CRM		REA	REA density
	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount		
Asset classes						
Central governments or central banks	74 622	929	78 216	1 655	589	1%
Regional governments or local authorities	3 241	6 689	4 153	892	25	0%
Public sector entities						
Multilateral development banks	1 190	24	1 192	2		
International organisations	719		719			
Institutions	428	0	428	0	86	20%
Corporate	2 041	364	2 039	71	1 933	92%
Retail	4 759	938	4 737	280	3 721	74%
Secured by mortgages on immovable property	5 099	725	5 099	117	1 827	35%
Exposures in default	59	2	59	0	84	142%
Exposures associated with particularly high risk ¹						
Covered bonds	268		268		27	10%
Institutions and corporates with a short-term credit assessment						
Collective investments undertakings (CIU) ¹	939	677	939	338	2 122	166%
Equity	2 422		2 422		5 506	227%
Other items	804		792		599	76%
Total	96 592	10 348	101 063	3 356	16 517	16%

EU CR5 - Standardised approach

At the end of Q2 2022, the total exposure amount was EUR 123.1 bn. The most significant change during the period took place in the 0% risk weight bucket among exposures toward central governments or central banks. This increase was mainly driven by short term deposits on checking accounts.

2022 Q2, EURm																Total	Of which unrated
Exposure classes	0%	2%	4%	10%	20%	35%	Risk weight		75%	100%	150%	250%	370%	1250%	Other		
Central governments or central banks	100 379				9		50%	70%		5	0	50				100 444	0
Regional governments or local authorities	4 463				119											4 582	
Public sector entities																415	
Multilateral development banks	1 097															1 097	
International organisations	415															415	
Institutions					105											105	
Corporate										1 763						1 763	0
Retail									4 876							4 876	4 876
Secured by mortgages on immovable property						4 915	30									4 945	4 945
Exposures in default										8	53					61	61
Associated with particularly high risk																	
Covered bonds				301												301	
Institutions and corporates with a short-term credit assessment																	
Collective investments undertakings (CIU)											1 102			2	297	1 401	1 401
Equity										521	13	1 879				2 413	2 413
Other items										86					601	688	688
Total	106 354			301	234	4 915	30		4 876	2 383	1 169	1 929		2	899	123 090	14 383

2021 Q4, EURm																Total	Of which unrated*
Exposure classes	0%	2%	4%	10%	20%	35%	Risk weight		75%	100%	150%	250%	370%	1250%	Other		
Central governments or central banks	79 516				45		50%	70%		6	0	211				79 871	0
Regional governments or local authorities	4 920				124											5 044	
Public sector entities																1 194	
Multilateral development banks	1 194															719	
International organisations	719															428	
Institutions					428											428	
Corporate										2 110						2 110	0
Retail									5 017							5 017	5 017
Secured by mortgages on immovable property						5 182	34									5 216	5 216
Exposures in default										10	49					59	59
Associated with particularly high risk																	
Covered bonds				268												268	
Institutions and corporates with a short-term credit assessment																	
Collective investments undertakings (CIU)											986			2	290	1 277	1 277
Equity										358	13	2 052				2 422	2 422
Other items										127					665	792	792
Total	86 350			268	597	5 182	127		5 017	2 611	1 048	2 263		2	954	104 418	14 783

*figures restated due to amended values after publication of Pillar III figures in Q4 2021

EU CR6 - IRB approach – Credit risk exposures by exposure class and PD range

The following tables show a comprehensive overview of statistics and inputs used to define the exposure classes under the IRB approach, such as EAD, average PD and average LGD. CR6 tables are presented excluding CCR exposures and the amounts are broken down by exposure class and obligor grade. From Q1 to Q2 2021, REA decreased by EUR 0.9bn.

2022 Q2, EURm

	On-balance sheet exposures	Off-balance-sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD	Number of obligors	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after SME supporting factor	Density of risk weighted exposure amount	Expected loss amount	Value adjust-ments and provisions
PD scale												
Central governments and central banks - AIRB, Total												
0.00 to < 0.15												
0.00 to < 0.10												
0.10 to < 0.15												
0.15 to < 0.25												
0.25 to < 0.50												
0.50 to < 0.75												
0.75 to < 2.50												
0.75 to < 1.75												
1.75 to < 2.5												
2.50 to < 10												
2.5 to < 5												
5 to < 10												
10.00 to < 100												
10 to <20												
20 to <30												
30.00 to <100												
100 (Default)												
Total												
Institutions - AIRB, Total												
0.00 to < 0.15												
0.00 to < 0.10												
0.10 to < 0.15												
0.15 to < 0.25												
0.25 to < 0.50												
0.50 to < 0.75												
0.75 to < 2.50												
0.75 to < 1.75												
1.75 to < 2.5												
2.50 to < 10												
2.5 to < 5												
5 to < 10												
10.00 to < 100												
10 to <20												
20 to <30												
30.00 to <100												
100 (Default)												
Total												
Corporates - AIRB, Total												
0.00 to < 0.15	41 752	27 312	48,9 %	55 130	0,1 %	52 164	28,4 %	2,3	13 433	24,4 %	138	-648
0.00 to < 0.10	27 527	14 722	47,2 %	34 480	0,1 %	48 652	26,5 %	2,6	6 974	20,2 %	128	-648
0.10 to < 0.15	14 224	12 590	51,0 %	20 650	0,1 %	3 512	31,5 %	1,9	6 459	31,3 %	10	0
0.15 to < 0.25	17 173	11 497	45,7 %	22 430	0,2 %	4 633	28,9 %	2,3	8 257	36,8 %	14	0
0.25 to < 0.50	39 845	15 330	49,0 %	47 366	0,4 %	9 772	27,2 %	2,3	21 961	46,4 %	56	0
0.50 to < 0.75	0	0	0,0 %	0	0,0 %	0	29,4 %	2,5	0		0	0
0.75 to < 2.50	17 193	7 393	49,1 %	20 832	1,1 %	7 788	26,3 %	2,3	11 567	55,5 %	57	0
0.75 to < 1.75	15 758	6 488	49,1 %	18 949	1,0 %	6 417	26,3 %	2,3	10 394	54,9 %	48	0
1.75 to < 2.5	1 435	906	49,4 %	1 883	2,0 %	1 371	26,7 %	2,2	1 173	62,3 %	10	0
2.50 to < 10	1 571	526	47,4 %	1 822	3,6 %	1 146	27,4 %	2,5	1 455	79,8 %	18	0
2.5 to < 5	1 571	526	47,4 %	1 822	3,6 %	1 146	27,4 %	2,5	1 455	79,8 %	18	0
5 to < 10	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
10.00 to < 100	2 033	1 009	51,0 %	2 562	23,3 %	18 366	26,3 %	2,7	2 417	94,4 %	131	-1
10 to <20	1 036	357	48,7 %	1 211	11,5 %	1 280	25,9 %	2,3	1 106	91,3 %	36	0
20 to <30	219	84	40,8 %	253	23,9 %	540	25,5 %	2,4	237	93,7 %	15	0
30.00 to <100	778	568	54,0 %	1 097	36,2 %	16 546	26,8 %	3,3	1 074	97,9 %	80	-1
100 (Default)	1 590	443	0,0 %	1 590	100,0 %	984	29,3 %	2,2	1 554	97,7 %	581	-574
Total	121 158	63 511	48,1 %	151 732	1,8 %	94 853	27,8 %	2,3	60 644	40,0 %	995	-1 223
Corporates - AIRB, SME												
0.00 to < 0.15	20 554	2 340	52,4 %	21 783	0,1 %	45 822	22,8 %	2,6	3 760	17,3 %	57	-215
0.00 to < 0.10	17 770	1 525	50,3 %	18 539	0,0 %	43 466	22,6 %	2,6	3 002	16,2 %	56	-215
0.10 to < 0.15	2 784	815	56,3 %	3 244	0,1 %	2 356	24,3 %	2,5	758	23,4 %	1	0
0.15 to < 0.25	5 076	1 052	55,9 %	5 665	0,2 %	2 991	24,7 %	2,7	1 530	27,0 %	3	0
0.25 to < 0.50	13 301	2 218	53,4 %	14 488	0,5 %	6 718	24,0 %	2,5	5 198	35,9 %	16	0
0.50 to < 0.75	0	0	0,0 %	0	0,0 %	0	29,4 %	2,5	0	20,6 %	0	0
0.75 to < 2.50	8 625	1 419	54,9 %	9 408	1,1 %	5 556	23,7 %	2,5	3 892	41,4 %	23	0
0.75 to < 1.75	7 776	1 220	55,4 %	8 455	1,0 %	4 500	23,8 %	2,5	3 465	41,0 %	19	0
1.75 to < 2.5	849	200	51,7 %	953	2,0 %	1 056	23,4 %	2,5	426	44,7 %	4	0
2.50 to < 10	596	102	51,9 %	649	3,6 %	779	22,9 %	2,5	294	45,3 %	5	0
2.5 to < 5	596	102	51,9 %	649	3,6 %	779	22,9 %	2,5	294	45,3 %	5	0
5 to < 10	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
10.00 to < 100	1 272	407	49,0 %	1 475	21,9 %	8 403	24,4 %	2,5	1 047	71,0 %	72	0
10 to <20	687	149	48,8 %	761	11,7 %	991	24,1 %	2,5	515	67,7 %	21	0
20 to <30	181	53	40,0 %	203	24,2 %	395	24,9 %	2,5	170	83,7 %	12	0
30.00 to <100	403	205	51,4 %	511	36,2 %	7 017	24,8 %	2,5	363	71,0 %	39	0
100 (Default)	766	94	0,0 %	766	100,0 %	673	27,5 %	2,5	881	114,9 %	241	-238
Total	50 190	7 632	52,8 %	54 235	2,4 %	70 942	23,6 %	2,5	16 602	30,6 %	417	-453
Corporates - AIRB, Specialised lending												
0.00 to < 0.15	24	0	0,0 %	24	0,1 %	2	36,3 %	4,2	10	42,2 %	0	0
0.00 to < 0.10	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
0.10 to < 0.15	24	0	0,0 %	24	0,1 %	2	36,3 %	4,2	10	42,2 %	0	0
0.15 to < 0.25	3	0	0,0 %	3	0,2 %	1	36,6 %	1,0	1	29,9 %	0	0
0.25 to < 0.50	10	0	0,0 %	10	0,4 %	1	35,6 %	2,5	5	51,7 %	0	0
0.50 to < 0.75	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
0.75 to < 2.50	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
0.75 to < 1.75	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
1.75 to < 2.5	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
2.50 to < 10	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
2.5 to < 5	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
5 to < 10	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
10.00 to < 100	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
10 to <20	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
20 to <30	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
30.00 to <100	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
100 (Default)	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
Total	37	0	0,0 %	37	0,2 %	4	36,2 %	3,5	16	43,5 %	0	0

	On-balance sheet exposures	Off-balance-sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD	Number of obligors	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after SME supporting factor	Density of risk weighted exposure amount	Expected loss amount	Value adjust-ments and provisions
PD scale												
Corporates - AIRB, Other												
0.00 to < 0.15	21 174	24 972	48,6 %	33 323	0,1 %	6 340	32,0 %	2,2	9 663	29,0 %	81	-433
0.00 to < 0.10	9 757	13 197	46,8 %	15 941	0,1 %	5 186	31,2 %	2,5	3 972	24,9 %	72	-433
0.10 to < 0.15	11 417	11 775	50,6 %	17 382	0,1 %	1 154	32,8 %	1,8	5 691	32,7 %	8	0
0.15 to < 0.25	12 094	10 445	44,6 %	16 761	0,2 %	1 641	30,3 %	2,1	6 725	40,1 %	11	0
0.25 to < 0.50	26 535	13 112	48,2 %	32 869	0,4 %	3 053	28,6 %	2,2	16 758	51,0 %	40	0
0.50 to < 0.75	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
0.75 to < 2.50	8 568	5 974	47,7 %	11 424	1,1 %	2 232	28,5 %	2,2	7 676	67,2 %	34	0
0.75 to < 1.75	7 982	5 268	47,6 %	10 494	1,0 %	1 917	28,4 %	2,2	6 929	66,0 %	29	0
1.75 to < 2.5	586	706	48,7 %	930	2,0 %	315	30,1 %	1,9	747	80,3 %	6	0
2.50 to < 10	975	424	46,3 %	1 173	3,6 %	367	29,9 %	2,5	1 161	99,0 %	12	0
2.5 to < 5	975	424	46,3 %	1 173	3,6 %	367	29,9 %	2,5	1 161	99,0 %	12	0
5 to < 10	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
10.00 to < 100	761	602	52,4 %	1 087	25,3 %	9 963	28,7 %	3,1	1 370	126,0 %	59	-1
10 to <20	349	208	48,5 %	451	11,3 %	289	28,9 %	2,1	592	131,2 %	15	0
20 to <30	37	31	42,2 %	51	22,6 %	145	28,2 %	2,2	68	133,7 %	3	0
30.00 to <100	375	364	55,5 %	586	36,2 %	9 529	28,6 %	3,9	711	121,4 %	42	-1
100 (Default)	824	349	0,0 %	824	100,0 %	311	31,0 %	2,0	674	81,8 %	339	-336
Total	70 931	55 879	47,4 %	97 461	1,5 %	23 907	30,1 %	2,2	44 026	45,2 %	578	-770
Retail - RIRB, Total												
0.00 to < 0.15	106 259	20 225	62,8 %	118 965	0,1 %	1 458 286	15,8 %	2,5	9 892	8,3 %	60	-395
0.00 to < 0.10	84 348	16 055	66,1 %	94 953	0,1 %	1 156 907	15,4 %	2,5	7 666	8,1 %	56	-395
0.10 to < 0.15	21 911	4 171	50,4 %	24 012	0,1 %	301 379	17,0 %	2,5	2 225	9,3 %	5	0
0.15 to < 0.25	27 245	4 966	55,2 %	29 984	0,2 %	489 847	17,3 %	2,5	3 035	10,1 %	10	0
0.25 to < 0.50	19 384	3 669	60,1 %	21 590	0,4 %	478 670	18,8 %	2,5	2 983	13,8 %	14	0
0.50 to < 0.75	5 469	898	56,7 %	5 978	0,6 %	173 023	19,2 %	2,5	1 055	17,7 %	7	0
0.75 to < 2.50	11 990	2 657	66,4 %	13 758	1,3 %	521 461	19,9 %	2,5	3 678	26,7 %	35	0
0.75 to < 1.75	10 495	2 290	67,0 %	12 033	1,1 %	440 151	19,7 %	2,5	3 036	25,2 %	27	0
1.75 to < 2.5	1 495	367	62,4 %	1 725	2,3 %	81 310	21,2 %	2,5	642	37,2 %	8	0
2.50 to < 10	4 414	736	48,4 %	4 772	4,5 %	199 705	23,5 %	2,5	1 979	41,5 %	50	-1
2.5 to < 5	3 159	608	45,5 %	3 437	3,5 %	124 953	23,5 %	2,5	1 323	38,5 %	28	-1
5 to < 10	1 255	128	62,0 %	1 335	7,0 %	74 752	23,4 %	2,5	656	49,1 %	22	0
10.00 to < 100	1 725	591	22,3 %	1 858	23,2 %	74 151	22,6 %	2,5	1 370	73,8 %	96	0
10 to <20	550	64	58,0 %	587	15,2 %	29 188	22,6 %	2,5	340	57,8 %	20	0
20 to <30	940	512	16,8 %	1 025	24,0 %	37 115	23,5 %	2,5	835	81,4 %	58	0
30.00 to <100	236	16	56,4 %	245	38,9 %	7 848	18,5 %	2,5	196	79,9 %	18	0
100 (Default)	1 210	64	52,5 %	1 243	100,0 %	59 366	21,6 %	2,5	2 995	240,9 %	58	-58
Total	177 696	33 806	60,5 %	198 147	1,2 %	3 454 509	17,0 %	2,5	26 987	13,6 %	330	-454
Retail - RIRB, SME secured by immovable property												
0.00 to < 0.15	151	21	40,3 %	159	0,1 %	3 429	17,1 %	2,5	6	3,6 %	1	-5
0.00 to < 0.10	4	11	39,4 %	8	0,1 %	815	17,0 %	2,5	0	3,0 %	1	-5
0.10 to < 0.15	147	10	41,3 %	151	0,1 %	2 614	17,1 %	2,5	6	3,6 %	0	0
0.15 to < 0.25	238	19	41,5 %	246	0,2 %	4 148	17,1 %	2,5	12	5,0 %	0	0
0.25 to < 0.50	75	21	54,9 %	86	0,4 %	1 485	16,3 %	2,5	8	8,9 %	0	0
0.50 to < 0.75	79	13	48,0 %	85	0,6 %	1 237	16,7 %	2,5	11	13,4 %	0	0
0.75 to < 2.50	360	77	46,6 %	396	1,3 %	7 100	17,3 %	2,5	89	22,6 %	1	0
0.75 to < 1.75	309	67	46,8 %	341	1,2 %	6 014	17,2 %	2,5	71	20,9 %	1	0
1.75 to < 2.5	51	10	44,8 %	56	2,3 %	1 086	17,5 %	2,5	18	32,7 %	0	0
2.50 to < 10	45	7	50,1 %	49	3,9 %	916	16,6 %	2,5	20	40,8 %	0	0
2.5 to < 5	41	7	49,4 %	45	3,7 %	863	16,8 %	2,5	18	40,1 %	0	0
5 to < 10	4	0	65,8 %	4	6,7 %	53	14,4 %	2,5	2	48,2 %	0	0
10.00 to < 100	13	2	44,0 %	13	26,2 %	223	15,9 %	2,5	11	80,0 %	1	0
10 to <20	3	0	39,0 %	3	16,8 %	55	16,1 %	2,5	2	74,8 %	0	0
20 to <30	6	1	46,2 %	7	24,0 %	75	15,1 %	2,5	5	79,9 %	0	0
30.00 to <100	3	0	45,4 %	3	38,9 %	93	17,5 %	2,5	3	84,8 %	0	0
100 (Default)	14	2	66,1 %	15	100,0 %	413	17,7 %	2,5	33	213,5 %	0	0
Total	974	162	46,8 %	1 050	2,6 %	18 951	17,0 %	2,5	190	18,1 %	4	-5
Retail - RIRB, SME other												
0.00 to < 0.15	3	3	51,4 %	4	0,1 %	1 920	31,1 %	2,5	0	6,8 %	7	-18
0.00 to < 0.10	1	2	51,5 %	2	0,1 %	1 719	31,5 %	2,5	0	5,7 %	7	-18
0.10 to < 0.15	2	1	51,2 %	3	0,1 %	201	30,8 %	2,5	0	7,5 %	0	0
0.15 to < 0.25	20	6	66,4 %	24	0,2 %	3 699	35,8 %	2,5	4	14,4 %	0	0
0.25 to < 0.50	20	77	65,3 %	71	0,4 %	4 961	29,8 %	2,5	13	17,8 %	0	0
0.50 to < 0.75	34	50	69,9 %	70	0,6 %	4 517	29,7 %	2,5	16	22,4 %	0	0
0.75 to < 2.50	417	280	76,5 %	634	1,5 %	33 116	28,7 %	2,5	191	30,1 %	3	0
0.75 to < 1.75	286	235	76,9 %	469	1,2 %	26 310	28,6 %	2,5	134	28,5 %	2	0
1.75 to < 2.5	130	46	74,6 %	165	2,3 %	6 806	28,9 %	2,5	57	34,6 %	1	0
2.50 to < 10	327	84	80,9 %	397	4,6 %	23 643	29,6 %	2,5	154	38,8 %	5	0
2.5 to < 5	229	68	81,8 %	286	3,5 %	19 114	29,7 %	2,5	109	38,3 %	3	0
5 to < 10	99	16	77,0 %	112	7,3 %	4 529	29,1 %	2,5	45	40,4 %	2	0
10.00 to < 100	121	111	19,4 %	143	23,6 %	7 534	31,6 %	2,5	102	71,5 %	11	0
10 to <20	33	3	84,7 %	36	13,6 %	1 478	29,1 %	2,5	17	48,6 %	1	0
20 to <30	71	104	14,2 %	86	24,0 %	5 078	33,6 %	2,5	71	82,5 %	7	0
30.00 to <100	17	3	111,6 %	21	38,9 %	978	28,0 %	2,5	14	65,3 %	2	0
100 (Default)	80	25	53,9 %	94	100,0 %	5 190	30,9 %	2,5	319	340,2 %	10	-10
Total	1 023	638	64,2 %	1 438	10,9 %	84 580	29,6 %	2,5	799	55,6 %	36	-28
Retail - RIRB, non-SME secured by immovable property												
0.00 to < 0.15	99 941	10 098	74,6 %	107 478	0,1 %	693 239	14,3 %	2,5	9 054	8,4 %	21	-189
0.00 to < 0.10	80 307	8 540	76,6 %	86 849	0,1 %	563 178	14,0 %	2,5	7 100	8,2 %	17	-189
0.10 to < 0.15	19 634	1 557	63,9 %	20 630	0,1 %	130 061	15,3 %	2,5	1 954	9,5 %	4	0
0.15 to < 0.25	23 692	1 752	67,5 %	24 874	0,2 %	161 624	15,1 %	2,5	2 449	9,8 %	7	0
0.25 to < 0.50	16 088	1 037	67,6 %	16 789	0,3 %	103 058	15,6 %	2,5	2 089	12,4 %	9	0
0.50 to < 0.75	4 033	234	68,0 %	4 192	0,6 %	29 291	15,3 %	2,5	630	15,0 %	4	0
0.75 to < 2.50	8 528	661	71,5 %	9 001	1,3 %	56 467	15,0 %	2,5	2 059	22,9 %	17	0
0.75 to < 1.75	7 577	591	73,1 %	8 010	1,1 %	49 729	14,9 %	2,5	1 712	21,4 %	13	0
1.75 to < 2.5	951	69	58,3 %	992	2,3 %	6 738	15,5 %	2,5	347	35,0 %	4	0
2.50 to < 10	937	109	65,4 %	1 009	4,7 %	7 286	14,9 %	2,5	501	49,7 %	7	0
2.5 to < 5	532	94	61,0 %	589	3,5 %	4 353	14,6 %	2,5	246	41,8 %	3	0
5 to < 10	405	15	91,9 %	419	6,5 %	2 933	15,3 %	2,5	255	60,8 %	4	0
10.00 to < 100	649	39	71,1 %	676	25,9 %	6 150	15,1 %	2,5	615	90,9 %	26	0
10 to <20	121	14	78,8 %	132	16,4 %	866	13,8 %	2,5	103	77,8 %	3	0
20 to <30	376	24	66,1 %	392	24,0 %	3 768	15,8 %	2,5	379	96,7 %	15	0
30.00 to <100	151	1	81,0 %	152	38,9 %	1 516	14,6 %	2,5	133	87,3 %	9	0
100 (Default)	721	2	66,2 %	723	100,0 %	8 080	15,5 %	2,5	1 278	176,7 %	14	-14
Total	154 590	13 931	72,9 %	164 742	0,8 %	1 065 195	14,6 %	2,5	18 674	11,3 %	105	-203

	On-balance sheet exposures	Off-balance-sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD	Number of obligors	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after SME supporting factor	Density of risk weighted exposure amount	Expected loss amount	Value adjust-ments and provisions
PD scale												
Retail - RIRB, Qualifying revolving												
0.00 to < 0.15												
0.00 to < 0.10												
0.10 to < 0.15												
0.15 to < 0.25												
0.25 to < 0.50												
0.50 to < 0.75												
0.75 to < 2.50												
0.75 to < 1.75												
1.75 to < 2.5												
2.50 to < 10												
2.5 to < 5												
5 to < 10												
10.00 to < 100												
10 to <20												
20 to <30												
30.00 to <100												
100 (Default)												
Total												
Retail - RIRB, non-SME other												
0.00 to < 0.15	6 165	10 104	51,0 %	11 323	0,1 %	1 452 937	29,8 %	2,5	832	7,3 %	31	-184
0.00 to < 0.10	4 037	7 502	54,1 %	8 094	0,1 %	1 154 373	30,5 %	2,5	566	7,0 %	30	-184
0.10 to < 0.15	2 128	2 602	42,3 %	3 229	0,1 %	298 564	28,1 %	2,5	266	8,2 %	1	0
0.15 to < 0.25	3 294	3 188	48,5 %	4 839	0,2 %	482 000	28,5 %	2,5	569	11,8 %	3	0
0.25 to < 0.50	3 201	2 534	56,9 %	4 644	0,4 %	472 224	29,9 %	2,5	873	18,8 %	5	0
0.50 to < 0.75	1 323	601	51,3 %	1 632	0,6 %	167 269	28,7 %	2,5	399	24,4 %	3	0
0.75 to < 2.50	2 685	1 639	63,5 %	3 726	1,3 %	481 245	30,6 %	2,5	1 339	35,9 %	15	0
0.75 to < 1.75	2 322	1 397	63,8 %	3 213	1,1 %	407 827	30,6 %	2,5	1 120	34,8 %	11	0
1.75 to < 2.5	363	242	62,0 %	513	2,3 %	73 418	30,2 %	2,5	219	42,8 %	4	0
2.50 to < 10	3 104	536	39,7 %	3 317	4,4 %	175 146	25,4 %	2,5	1 304	39,3 %	37	0
2.5 to < 5	2 356	440	36,5 %	2 517	3,5 %	104 976	25,0 %	2,5	950	37,7 %	22	0
5 to < 10	747	96	54,6 %	800	7,2 %	70 170	26,9 %	2,5	354	44,3 %	15	0
10.00 to < 100	943	440	18,6 %	1 025	21,4 %	66 394	26,3 %	2,5	643	62,7 %	58	0
10 to <20	393	46	50,0 %	416	15,0 %	27 655	25,0 %	2,5	217	52,2 %	16	0
20 to <30	486	383	14,3 %	541	24,0 %	31 962	27,6 %	2,5	380	70,2 %	36	0
30.00 to <100	64	11	37,1 %	68	38,9 %	6 777	24,1 %	2,5	46	68,0 %	6	0
100 (Default)	395	33	49,5 %	411	100,0 %	53 763	30,3 %	2,5	1 365	332,0 %	34	-34
Total	21 109	19 074	51,4 %	30 917	2,8 %	3 350 978	29,1 %	2,5	7 324	23,7 %	186	-218
Central governments and central banks - FIRB, Total												
0.00 to < 0.15												
0.00 to < 0.10												
0.10 to < 0.15												
0.15 to < 0.25												
0.25 to < 0.50												
0.50 to < 0.75												
0.75 to < 2.50												
0.75 to < 1.75												
1.75 to < 2.5												
2.50 to < 10												
2.5 to < 5												
5 to < 10												
10.00 to < 100												
10 to <20												
20 to <30												
30.00 to <100												
100 (Default)												
Total												
Institutions - FIRB, Total												
0.00 to < 0.15	25 829	2 007	49,8 %	26 828	0,1 %	465	14,0 %	2,5	2 516	9,4 %	2	-145
0.00 to < 0.10	22 815	1 672	47,1 %	23 602	0,1 %	341	13,9 %	2,5	2 106	8,9 %	2	-145
0.10 to < 0.15	3 014	335	63,2 %	3 225	0,1 %	124	15,0 %	2,5	410	12,7 %	1	0
0.15 to < 0.25	301	38	17,9 %	307	0,2 %	59	16,2 %	2,5	50	16,3 %	0	0
0.25 to < 0.50	77	122	19,6 %	101	0,3 %	126	39,4 %	2,4	50	49,0 %	0	0
0.50 to < 0.75	145	85	20,6 %	163	0,7 %	50	19,2 %	2,5	81	49,9 %	0	0
0.75 to < 2.50	42	89	18,5 %	59	1,3 %	46	44,9 %	2,5	52	89,1 %	0	0
0.75 to < 1.75	42	89	18,5 %	59	1,3 %	46	44,9 %	2,5	52	89,2 %	0	0
1.75 to < 2.5	0	1	20,0 %	0	2,0 %	0	45,0 %	2,5	0	27,6 %	0	0
2.50 to < 10	6	46	22,0 %	16	6,9 %	40	45,0 %	2,5	18	111,2 %	0	0
2.5 to < 5	4	13	20,9 %	7	2,9 %	18	45,0 %	2,5	7	104,8 %	0	0
5 to < 10	2	33	22,5 %	9	9,7 %	22	45,0 %	2,5	11	115,8 %	0	0
10.00 to < 100	69	4	26,3 %	70	32,0 %	95	30,1 %	2,5	114	163,4 %	5	0
10 to <20	0	0	25,5 %	0	11,2 %	2	45,0 %	2,5	0	240,1 %	0	0
20 to <30	38	1	37,8 %	38	28,5 %	93	45,0 %	2,5	112	290,8 %	5	0
30.00 to <100	31	3	20,6 %	31	36,2 %	0	11,8 %	2,5	2	7,7 %	0	0
100 (Default)	0	0	0,0 %	0	0,0 %	0	0,0 %	0,0	0		0	0
Total	26 469	2 392	44,9 %	27 544	0,2 %	881	14,3 %	2,5	2 881	10,5 %	9	-145
Corporates - FIRB, Total												
0.00 to < 0.15	2 624	1 031	11,9 %	2 747	0,1 %	2 482	43,6 %	2,5	1 153	42,0 %	1	-129
0.00 to < 0.10	1 619	377	19,2 %	1 692	0,1 %	1 283	44,3 %	2,5	722	42,7 %	1	-129
0.10 to < 0.15	1 005	654	7,8 %	1 056	0,1 %	1 199	42,5 %	2,5	431	40,9 %	1	0
0.15 to < 0.25	846	360	9,8 %	882	0,3 %	1 446	41,7 %	2,5	355	40,3 %	1	0
0.25 to < 0.50	1 907	826	17,4 %	2 051	0,4 %	3 050	42,1 %	2,5	1 181	57,6 %	4	0
0.50 to < 0.75	1	0	0,0 %	1	3,0 %	0	45,0 %	2,5	0	0,0 %	0	0
0.75 to < 2.50	1 743	769	18,0 %	1 881	1,2 %	3 293	42,2 %	2,5	1 472	78,3 %	9	0
0.75 to < 1.75	1 333	617	21,0 %	1 463	1,0 %	2 516	42,3 %	2,5	1 116	76,3 %	6	0
1.75 to < 2.5	410	153	5,6 %	418	2,0 %	777	42,0 %	2,5	356	85,2 %	3	0
2.50 to < 10	269	109	10,3 %	280	3,4 %	652	42,7 %	2,5	310	110,9 %	4	0
2.5 to < 5	269	109	10,3 %	280	3,4 %	652	42,7 %	2,5	310	110,9 %	4	0
5 to < 10	0	0	0,0 %	0	9,2 %	0	45,0 %	2,5	0	0,0 %	0	0
10.00 to < 100	1 946	707	2,6 %	1 964	14,8 %	8 040	39,7 %	2,5	1 143	58,2 %	45	0
10 to <20	192	101	11,4 %	204	11,9 %	750	41,8 %	2,5	295	144,5 %	10	0
20 to <30	46	25	7,3 %	48	23,1 %	285	41,6 %	2,5	74	154,0 %	5	0
30.00 to <100	1 707	580	0,9 %	1 713	14,9 %	7 005	39,5 %	2,5	774	45,2 %	30	0
100 (Default)	89	32	17,6 %	94	98,0 %	312	43,7 %	2,5	35	37,1 %	40	-16
Total	9 424	3 833	12,4 %	9 899	4,3 %	19 275	42,1 %	2,5	5 650	57,1 %	104	-145

	On-balance sheet exposures	Off-balance-sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD	Number of obligors	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after SME supporting factor	Density of risk weighted exposure amount	Expected loss amount	Value adjust-ments and provisions
PD scale												
Corporates - FIRB, SME												
0.00 to < 0.15	489	154	23,1 %	524	0,1 %	1 460	42,5 %	2,5	143	27,2 %	0	
0.00 to < 0.10	206	26	12,8 %	209	0,1 %	680	42,3 %	2,5	43	20,4 %	0	-36
0.10 to < 0.15	283	128	25,2 %	315	0,1 %	780	42,7 %	2,5	100	31,8 %	0	0
0.15 to < 0.25	382	110	6,4 %	389	0,2 %	957	42,0 %	2,5	127	32,6 %	0	0
0.25 to < 0.50	830	216	8,2 %	848	0,4 %	1 943	41,8 %	2,5	383	45,1 %	2	0
0.50 to < 0.75	0	0	0,0 %	0	0,7 %	0	45,0 %	2,5	0	0,0 %	0	0
0.75 to < 2.50	956	314	15,6 %	1 005	1,3 %	2 389	41,8 %	2,5	644	64,1 %	5	0
0.75 to < 1.75	702	247	19,0 %	749	1,0 %	1 803	41,8 %	2,5	464	61,9 %	3	0
1.75 to < 2.5	255	67	3,1 %	257	2,0 %	586	41,9 %	2,5	180	70,3 %	2	0
2.50 to < 10	120	49	5,5 %	122	3,6 %	460	41,9 %	2,5	101	82,3 %	2	0
2.5 to < 5	120	49	5,5 %	122	3,6 %	460	41,9 %	2,5	101	82,3 %	2	0
5 to < 10	0	0	0,0 %	0	9,5 %	0	45,0 %	2,5	0	0,0 %	0	0
10.00 to < 100	771	101	1,8 %	773	31,4 %	4 040	43,5 %	2,5	484	62,5 %	24	0
10 to <20	135	42	0,7 %	135	11,8 %	536	41,2 %	2,5	165	121,9 %	6	0
20 to <30	36	18	2,8 %	37	24,4 %	212	41,4 %	2,5	56	152,6 %	4	0
30.00 to <100	600	42	2,6 %	601	36,2 %	3 292	44,1 %	2,5	263	43,7 %	14	0
100 (Default)	61	7	0,4 %	61	100,0 %	205	43,5 %	2,5	0	0,2 %	26	-16
Total	3 610	953	12,0 %	3 724	8,8 %	11 454	42,3 %	2,5	1 881	50,5 %	60	-52
Corporates - FIRB, Specialised lending												
0.00 to < 0.15												
0.00 to < 0.10												
0.10 to < 0.15												
0.15 to < 0.25												
0.25 to < 0.50												
0.50 to < 0.75												
0.75 to < 2.50												
0.75 to < 1.75												
1.75 to < 2.5												
2.50 to < 10												
2.5 to < 5												
5 to < 10												
10.00 to < 100												
10 to <20												
20 to <30												
30.00 to <100												
100 (Default)												
Total												
Corporates - FIRB, Other												
0.00 to < 0.15	2 136	876	10,0 %	2 223	0,1 %	1 022	43,8 %	2,5	1 010	45,5 %	1	-93
0.00 to < 0.10	1 413	351	19,6 %	1 482	0,1 %	603	44,5 %	2,5	679	45,8 %	0	-93
0.10 to < 0.15	722	525	3,5 %	740	0,1 %	419	42,3 %	2,5	331	44,7 %	0	0
0.15 to < 0.25	464	250	11,3 %	492	0,3 %	489	41,5 %	2,5	228	46,4 %	0	0
0.25 to < 0.50	1 077	610	20,6 %	1 203	0,4 %	1 107	42,3 %	2,5	799	66,4 %	2	0
0.50 to < 0.75	1	0	0,0 %	1	3,5 %	0	45,0 %	2,5	0	0,0 %	0	0
0.75 to < 2.50	787	455	19,6 %	876	1,1 %	904	42,6 %	2,5	828	94,5 %	4	0
0.75 to < 1.75	631	369	22,4 %	714	1,0 %	713	42,8 %	2,5	652	91,3 %	3	0
1.75 to < 2.5	155	85	7,6 %	162	1,9 %	191	42,0 %	2,5	176	108,8 %	1	0
2.50 to < 10	149	60	14,3 %	157	3,2 %	192	43,4 %	2,5	210	133,1 %	2	0
2.5 to < 5	149	60	14,3 %	157	3,2 %	192	43,4 %	2,5	210	133,1 %	2	0
5 to < 10	0	0	0,0 %	0	0,5 %	0	45,0 %	2,5	0	0,0 %	0	0
10.00 to < 100	1 174	605	2,8 %	1 191	4,0 %	4 000	37,3 %	2,5	659	55,3 %	21	0
10 to <20	58	59	19,1 %	69	12,0 %	214	42,9 %	2,5	130	188,8 %	4	0
20 to <30	10	8	17,4 %	11	18,8 %	73	42,6 %	2,5	17	158,6 %	1	0
30.00 to <100	1 107	538	0,8 %	1 111	3,4 %	3 713	36,9 %	2,5	512	46,0 %	16	0
100 (Default)	28	24	22,9 %	33	94,4 %	107	44,0 %	2,5	35	105,3 %	14	0
Total	5 814	2 881	12,5 %	6 176	1,7 %	7 821	41,9 %	2,5	3 769	61,0 %	44	-93

EU CR7 - IRB approach – Effect on the RWEAs of credit derivatives used as CRM techniques

Total Actual REA decreased by EUR 0.98bn from Q4 2021 to Q2 2022. Most significant REA decrease is seen in Corporates - SMEs , which has decreased by EUR 2 bn.

2022 Q2, EURm	Pre-credit derivatives REA	Actual REA
Exposures under Foundation IRB	12 180	8 531
Central governments and central banks		
Institutions	2 857	2 881
Corporates	9 323	5 650
of which Corporates - SMEs	1 887	1 881
of which Corporates - Specialised lending		
Exposures under Advanced IRB	97 071	84 496
Central governments and central banks		
Institutions		
Corporates	67 853	57 509
of which Corporates - SMEs	20 581	16 025
of which Corporates - Specialised lending	22	16
Retail	29 218	26 987
of which Retail – SMEs - Secured by immovable property collateral	0	190
of which Retail – non-SMEs - Secured by immovable property collateral	18	18 674
of which Retail – Qualifying revolving		
of which Retail – SMEs - Other	1 610	799
of which Retail – Non-SMEs- Other	27 590	7 324
Total	109 252	93 027

2021 Q4, EURm	Pre-credit derivatives REA	Actual REA
Exposures under Foundation IRB	11 008	8 169
Central governments and central banks		
Institutions	2 883	2 769
Corporates	8 125	5 400
of which SMEs	1 939	1 923
of which specialised lending		
Exposures under Advanced IRB	101 318	85 844
Central governments and central banks		
Institutions		
Corporates	70 977	58 255
of which SMEs	21 791	18 078
of which specialised lending	45	42
Retail	30 340	27 588
of which Retail – SMEs - Secured by immovable property collateral	0	191
of which Retail – non-SMEs - Secured by immovable property collateral	16	19 014
of which Retail – Qualifying revolving		
of which Retail – SMEs - Other	1 650	811
of which Retail – Non-SMEs- Other	28 675	7 572
Total	112 326	94 013

EU CR7-A - IRB approach – Disclosure of the extent of the use of CRM techniques

The table provides a comprehensive overview of use of credit risk mitigation techniques according to Advanced IRB approach and Foundation IRB approach broken down by exposure class, among with their impact on credit risk mitigation methods in the calculation of RWEAs.

2022 Q2, EURm

Exposures under Advanced IRB	Credit risk Mitigation techniques										Credit risk Mitigation			
	Funded credit Protection										Unfunded credit		RWEA without substitution effects (reduction effects only)	RWEA with substitution effects (both reduction and substitution effects)
	Total exposures	Part of exposures covered by Financial Collaterals (%)	Part of exposures covered by Other eligible collaterals (%)	Part of exposures covered by Immovable property Collaterals (%)	Part of exposures covered by Receivables (%)	Part of exposures covered by Other physical collateral (%)	Part of exposures covered by Other funded credit protection (%)	Part of exposures covered by Cash on deposit (%)	Part of exposures covered by Life insurance policies (%)	Part of exposures covered by Instruments held by a third party (%)	Part of exposures covered by Guarantees (%)	Part of exposures covered by Credit Derivatives (%)		
Central governments and central banks														
Institutions														
Corporates	144 355	1%	45%	39%	0%	6%					-7%		57 704	57 509
Of which Corporates – SMEs	52 518	1%	73%	68%	0%	5%					-6%		16 018	16 025
Of which Corporates – Specialised lending	37										-26%		16	16
Of which Corporates – Other	91 800	0%	30%	22%	0%	7%					-7%		41 670	41 467
Retail	198 147	0%	80%	79%	0%	1%					-1%		26 987	26 987
Of which Retail – Immovable property SMEs	1 050		100%	100%									190	190
Of which Retail – Immovable property non-SMEs	164 742		94%	94%									18 674	18 674
Of which Retail – Qualifying revolving														
Of which Retail – Other SMEs	1 438	1%	13%	0%	0%	12%					-10%		799	799
Of which Retail – Other non-SMEs	30 917	2%	5%	0%	0%	5%					-6%		7 324	7 324
Total	342 502	0%	65%	62%	0%	3%					-3%		84 691	84 496

2022 Q2, EURm

Exposures under Foundation IRB	Credit risk Mitigation techniques										Credit risk Mitigation			
	Funded credit Protection								Unfunded credit		RWEA without substitution effects (reduction effects only)	RWEA with substitution effects (both reduction and substitution effects)		
	Total exposures	Part of exposures covered by Financial Collaterals (%)	Part of exposures covered by Other eligible collaterals (%)	Part of exposures covered by Immovable property Collaterals (%)	Part of exposures covered by Receivables (%)	Part of exposures covered by Other physical collateral (%)	Part of exposures covered by Other funded credit protection (%)	Part of exposures covered by Cash on deposit (%)	Part of exposures covered by Life insurance policies (%)	Part of exposures covered by Instruments held by a third party (%)			Part of exposures covered by Guarantees (%)	Part of exposures covered by Credit Derivatives (%)
Central governments and central banks														
Institutions	27 544	0%	0%	0%	0%	0%					-1%		2 874	2 881
Corporates	9 899	0%	39%	1%	19%	20%					-33%		5 641	5 650
Of which Corporates – SMEs	3 724	0%	43%	2%	9%	32%					-3%		1 759	1 881
Of which Corporates – Specialised lending														
Of which Corporates – Other	6 176	0%	37%	0%	25%	13%					-31%		3 882	3 769
Total	37 443	0%	11%	0%	5%	5%					-6%		8 516	8 531

EU CR8 - RWEA flow statements of credit risk exposures under the IRB approach

During the second quarter the IRB REA decreased by EUR 2.5bn, mainly driven by an decrease in FX effects stemming from the depreciation of core currencies. Other IRB exposures and unfavourable asset quality development further decreased REA. This was partly offset by increased asset size.

2022 Q2, EURm	REA amount	Capital requirement
REA 2022 Q1	98 765	7 901
Asset size	9	1
Asset quality	-476	-38
Model updates	0	0
Methodology and policy	0	0
Acquisitions and disposals	0	0
Foreign exchange movements	-1 341	-107
Other	-725	-58
REA 2022 Q2	96 232	7 699

EU CQ1 - Credit quality of forborne exposures

Forbearance refers to eased terms or restructuring of credit terms and conditions due to the borrower experiencing financial difficulties. The intention of granting forbearance for a limited period of time is to ensure full repayment of the outstanding debt. Examples of eased terms are changes to amortisation profile, repayment schedule and customer margin, or eased financial covenants. Total forborne loans and advances decreased by EUR 0.8bn compared to end of 2021 to EUR 2.5bn. Non-performing forborne loans and advances decreased by EUR 0.7bn and performing forborne loans and advances decreased by EUR 0.1bn.

		a	b	c	d	e		f	g	h
		Gross carrying amount/ Nominal amount of exposures with forbearance measures				Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions		Collaterals received and financial guarantees received on forborne exposures		
		Performing forborne	Non-performing forborne			On performing forborne exposures	On non-performing forborne exposures		Of which: Collateral and financial guarantees received on non-performing exposures with forbearance measures	
				Of which defaulted	Of which impaired					
2022Q2, EURm										
005	Cash balances at central banks and other demand deposits	0	0	0	0	0	0	0	0	0
010	Loans and advances	1 276	1 228	1 228	1 195	-29	-355	892	309	
020	Central banks	0	0	0	0	0	0	0	0	0
030	General governments	0	0	0	0	0	0	0	0	0
040	Credit institutions	0	0	0	0	0	0	0	0	0
050	Other financial corporations	2	44	44	44	0	-11	1	0	0
060	Non-financial corporations	824	1 030	1 030	1 000	-20	-321	559	234	
070	Households	449	154	154	150	-9	-23	332	74	
080	Debt Securities	0	0	0	0	0	0	0	0	0
090	Loan commitments given	69	9	9	9	0	0	24	0	0
100	Total	1 345	1 237	1 237	1 203	-30	-355	916	309	

		a	b	c	d	e	f	g	h
		Gross carrying amount/ Nominal amount of exposures with forbearance measures				Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions		Collaterals received and financial guarantees received on forborne exposures	
		Performing forborne	Non-performing forborne		On performing forborne exposures	On non-performing forborne exposures		Of which: Collateral and financial guarantees received on non-performing exposures with forbearance measures	
			Of which defaulted	Of which impaired					
2021Q4, EURm									
005	Cash balances at central banks and other demand deposits	0	0	0	0	0	0	0	0
010	Loans and advances	1 365	1 905	1 905	1 857	-48	-448	806	234
020	Central banks	0	0	0	0	0	0	0	0
030	General governments	0	0	0	0	0	0	0	0
040	Credit institutions	0	0	0	0	0	0	0	0
050	Other financial corporations	3	44	44	44	0	-10	1	0
060	Non-financial corporations	824	1 684	1 684	1 641	-36	-408	396	140
070	Households	538	177	177	172	-12	-30	409	94
080	Debt Securities	0	0	0	0	0	0	0	0
090	Loan commitments given	68	72	72	72	-4	0	65	0
100	Total	1 433	1 977	1 977	1 929	-52	-449	872	234

EU CQ3 - Credit quality of performing and non-performing exposures by past due days

Credit quality remained stable during the first half of the year 2022. Total gross carrying amount of loans and advances were EUR 332bn at the end of Q2 2022. Performing loans and advances increased by EUR 1bn, while non-performing loans and advances decreased by EUR 1bn. Major part of non-performing loans, 79%, are loans which are classified as unlikely to pay, that are not past-due or that are past-due less or equal to 90 days.

		a	b	c	d	e	f	g	h	i	j	k	l
		Gross carrying amount / Nominal amount											
		Performing exposures			Non-performing exposures								
			Not past due or Past due < 30 days	Past due > 30 days < 90 days		Unlikely to pay that are not past-due or past-due < = 90 days	Past due > 90 days <= 180 days	Past due > 180 days < =1 year	Past due > 1 year <= 2 years	Past due > 2 year <= 5 years	Past due > 5 year <= 7 years	Past due > 7 years	Of which defaulted
2022Q2, EURm													
005	Cash balances at central banks and other demand deposits	71 410	71 410	0	15	15							15
010	Loans and advances	329 107	328 765	342	3 238	2 574	108	140	178	192	25	21	3 238
020	Central banks	0	0										
030	General governments	3 398	3 397	1	34	34							34
040	Credit institutions	1 025	1 025	1	15	15							15
050	Other financial corporations	12 296	12 295	1	49	47	0	0	1	0	0		49
060	Non-financial corporations	129 208	129 100	108	1 945	1 714	42	40	58	71	9	11	1 945
070	Of which SMEs	50 803	50 763	40	820	634	30	33	49	62	6	5	820
080	Households	183 180	182 948	232	1 195	764	66	100	119	121	16	11	1 195
090	Debt Securities	52 421	52 421										
100	Central banks	7 120	7 120										
110	General governments	15 692	15 692										
120	Credit institutions	28 461	28 461										
130	Other financial corporations	473	473										
140	Non-financial corporations	675	675										
150	Off-balance sheet exposures	114 529			357								357
160	Central banks	4											
170	General governments	6 977											
180	Credit institutions	2 994											
190	Other financial corporations	4 120			3								3
200	Non-financial corporations	66 237			326								326
210	Households	34 196			28								28
220	Total	567 467	452 596	342	3 610	2 588	108	140	178	192	25	21	3 610

		a	b	c	d	e	f	g	h	i	j	k	l
		Gross carrying amount / Nominal amount											
		Performing exposures			Non-performing exposures								
			Not past due or Past due < 30 days	Past due > 30 days < 90 days		Unlikely to pay that are not past-due or past-due < = 90 days	Past due > 90 days <= 180 days	Past due > 180 days < =1 year	Past due > 1 year <= 2 years	Past due > 2 year <= 5 years	Past due > 5 year <= 7 years	Past due > 7 years	Of which defaulted
2021Q4, EURm													
005	Cash balances at central banks and other demand deposits	48 058	42 280	5 778									
010	Loans and advances	328 023	327 690	333	4 171	3 446	108	150	192	197	48	30	4 171
020	Central banks	0	0										
030	General governments	4 597	4 596	1	34	34				0			34
040	Credit institutions	676	664	12									
050	Other financial corporations	11 350	11 350	0	51	47	0	1	0	2	0	0	51
060	Non-financial corporations	124 073	123 987	86	2 733	2 483	39	48	56	58	30	18	2 733
070	Of which SMEs	52 200	52 160	40	929	733	29	42	49	54	14	9	929
080	Households	187 327	187 092	234	1 353	881	69	101	135	138	17	12	1 353
090	Debt Securities	52 499	52 489	10									
100	Central banks	8 528	8 528										
110	General governments	14 795	14 791	4									
120	Credit institutions	27 929	27 929										
130	Other financial corporations	511	511										
140	Non-financial corporations	737	731	6									
150	Off-balance sheet exposures	115 675			400								400
160	Central banks	1											
170	General governments	7 118											
180	Credit institutions	3 512											
190	Other financial corporations	3 838			2								2
200	Non-financial corporations	67 684			368								368
210	Households	33 522			30								30
220	Total	544 254	422 459	6 120	4 571	3 446	108	150	192	197	48	30	4 571

EU CQ4 - Quality of non-performing exposures by geography

The distribution of non-performing exposures by geography, seen in the table below, shows a degree of diversification where approximately 95% (84%) of the total non-performing volume represents exposures in Nordic countries. During the first half of the year 2022, total non-performing exposures decreased by EUR 1.0bn from EUR 4.6bn in 2021 to EUR 3.6bn in Q2 2022. Non-performing exposures, on balance, decreased by EUR 0.9bn, of which Other countries than Nordics decreased by EUR 0.5bn, largely related to restructurings in the Shipping and Oil, Gas & Offshore portfolios.

		a	b	c	d	e	f	g
		Gross carrying/Nominal amount			of which: subject to impairment	Accumulated impairment	Provisions on off-balance sheet commitments and financial guarantee given	Accumulated negative changes in fair value due to credit risk on non-performing exposures
		of which: non-performing						
2022Q2, EURm			of which: defaulted					
010	On balance sheet exposures	456 190	3 252	3 252	385 474	-1 829		-26
020	Finland	124 384	926	926	112 595	-552		
030	Sweden	116 035	302	302	107 543	-219		
040	Norway	81 202	686	686	65 264	-360		
050	Denmark	97 420	1 170	1 170	63 516	-601		-26
060	United States	20 953	3	3	19 347	-2		
070	Other countries	16 197	165	165	17 208	-95		
080	Off balance sheet exposures	114 886	357	357			-183	
090	Finland	18 703	117	117			-34	
100	Sweden	28 131	67	67			-30	
110	Norway	17 787	16	16			-12	
120	Denmark	35 504	146	146			-99	
130	United States	3 189	4	4			-4	
140	Other countries	11 572	7	7			-4	
150	Total	571 077	3 610	3 610	385 474	-1 829	-183	-26

		a	b	c	d	e	f	g
		Gross carrying/Nominal amount				Accumulated impairment	Provisions on off-balance sheet commitments and financial guarantee given	Accumulated negative changes in fair value due to credit risk on non-performing exposures
		of which: non-performing		of which: subject to impairment				
			of which: defaulted					
2021Q4, EURm								
010	On balance sheet exposures	432 750	4 171	4 171	355 837	-2 222		-61
020	Finland	100 144	1 083	1 083	99 716	-597		
030	Sweden	125 325	316	316	114 223	-208		
040	Norway	75 144	813	813	73 909	-440		
050	Denmark	101 250	1 254	1 254	41 190	-580		-61
060	United States	12 458	3	3	9 357	-4		
070	Other countries	18 431	702	702	17 441	-392		
080	Off balance sheet exposures	116 075	400	400			-183	
090	Finland	21 629	176	176			-34	
100	Sweden	28 705	70	70			-41	
110	Norway	21 460	37	37			-16	
120	Denmark	30 355	104	104			-85	
130	United States	3 606	1	1			-1	
140	Other countries	10 320	12	12			-7	
150	Total	548 825	4 571	4 571	355 837	-2 222	-183	-61

EU CQ5 - Credit quality of loans and advances to non-financial corporations by industry

Table EU CQ5 displays loans and advances by industry group to non-financial corporations. The industry breakdown follows the Standard Industrial Classification TOL 2008 and is based on the European Union's classification of economic activities, NACE Rev. 2. The non-financial corporate portfolio was well diversified between industry groups. Real estate activities and Manufacturing contributed to the largest share of total loans and advances. During the first half of the year 2022, non-performing loans and advances decreased by EUR 0.8bn to EUR 1.9bn (EUR 2.7bn), primarily driven by decreased impairments in Mining & quarrying and Agriculture, forestry & fishing.

2022Q2, EURm		a	b	c	d	e	f	
			Gross carrying amount			Accumulated impairment	Accumulated negative changes in fair value due to credit risk on non-performing exposures	
			of which: non-performing		of which: loans and advances subject to impairment			
				of which: defaulted				
010	Agriculture, forestry and fishing	3 768	108	108	3 768	-76		
020	Mining and quarrying	661	2	2	661	-10		
030	Manufacturing	13 918	248	248	13 918	-191		
040	Electricity, gas, steam and air conditioning supply	4 776	3	3	4 776	-5		
050	Water supply	1 079	1	1	1 079	-4		
060	Construction	6 818	99	99	6 818	-104		
070	Wholesale and retail trade	9 114	518	518	9 114	-190		
080	Transport and storage	8 189	551	551	8 189	-198		
090	Accommodation and food service activities	899	11	11	899	-20		
100	Information and communication	2 786	68	68	2 786	-26		
110	Real estate activities	54 092	165	165	37 691	-163		
120	Financial and insurance activities	11 568	23	23	11 568	-28		
130	Professional, scientific and technical activities	8 184	114	114	8 167	-169		-3
140	Administrative and support service activities	3 047	18	17	3 036	-24		
150	Public administration and defense, compulsory social security	126	0	0	126	0		
160	Education	223	1	1	223	-3		
170	Human health services and social work activities	805	4	4	805	-5		
180	Arts, entertainment and recreation	617	10	10	617	-11		
190	Other services	481	2	2	481	-2		
200	Total	131 153	1 945	1 945	114 724	-1 229		-3

		a	b	c	d	e	f
			Gross carrying amount			Accumulated impairment	Accumulated negative changes in fair value due to credit risk on non-performing exposures
			of which: non-performing		of which: loans and advances subject to impairment		
2021Q4, EURm				of which: defaulted			
010	Agriculture, forestry and fishing	8 078	452	452	4 056	-104	-16
020	Mining and quarrying	1 208	541	541	1 202	-329	
030	Manufacturing	16 205	338	338	15 956	-234	
040	Electricity, gas, steam and air conditioning supply	5 609	3	3	5 101	-4	
050	Water supply	1 157	2	2	1 050	-2	
060	Construction	7 002	108	108	6 448	-106	
070	Wholesale and retail trade	8 112	217	217	7 576	-171	
080	Transport and storage	9 047	585	585	8 779	-211	
090	Accommodation and food service activities	1 517	17	17	1 030	-26	
100	Information and communication	2 672	70	70	2 357	-28	
110	Real estate activities	40 021	190	190	31 677	-195	
120	Financial and insurance activities	11 784	26	26	11 275	-30	
130	Professional, scientific and technical activities	7 761	137	137	6 915	-86	
140	Administrative and support service activities	3 047	29	29	2 803	-33	
150	Public administration and defense, compulsory social security	89			87	0	
160	Education	353	3	3	258	-3	
170	Human health services and social work activities	1 138	4	4	801	-5	
180	Arts, entertainment and recreation	828	11	11	659	-11	
190	Other services	1 181	2	2	982	-3	
200	Total	126 806	2 733	2 733	109 012	-1 581	-16

EU CQ7 - Collateral obtained by taking possession and execution processes¹

		a	b
		Collateral obtained by taking possession accumulated	
2022 Q2, EURm		Value at initial recognition	Accumulated negative changes
010	Property Plant and Equipment (PP&E)	0,0	0,0
020	Other than Property Plant and Equipment	2,1	-0,5
030	Residential immovable property	0,0	0,0
040	Commercial Immovable property	0,2	0,0
050	Movable property (auto, shipping, etc.)	1,5	-0,1
060	Equity and debt instruments	0,4	-0,3
070	Other	0,0	0,0
080	Total	2,1	-0,5

¹ Excluding entities which are not in scope according to FINREP reporting definition.

		a	b
		Collateral obtained by taking possession accumulated	
2021 Q4, EURm		Value at initial recognition	Accumulated negative changes
010	Property Plant and Equipment (PP&E)	0,0	0,0
020	Other than Property Plant and Equipment	6,3	-0,4
030	Residential immovable property	0,1	0,0
040	Commercial Immovable property	0,2	0,0
050	Movable property (auto, shipping, etc.)	1,7	-0,1
060	Equity and debt instruments	3,9	-0,2
070	Other	0,5	0,0
080	Total	6,3	-0,4

¹ Excluding entities which are not in scope according to FINREP reporting definition.

EU CCR1 Analysis of counterparty credit risk by approach

Nordea is using two methodologies when calculating the counterparty credit risk amounts. These methodologies are the standardised approach (SA-CCR), which has been implemented during 2021, shifting away from the previous Mark to Market Method, and the Internal Model Method (IMM). For Securities Financing Transactions (SFT) Nordea is using the financial collateral comprehensive method. REA decreased over the half year period mainly driven by increasing interest rates across Nordics.

2022 Q2, EURm	Notional	Replacement cost/ Current market value	Potential future value	EEPE	Multiplier	EAD post- CRM	REA
Mark to market							
Original exposure							
Standardised approach		372	795		1	1 535	497
Internal Model Method (for derivatives and SFTs)			3 788	6 177	1	10 007	2 644
Securities Financing Transactions							
Derivatives & Long Settlement Transactions			3 788	6 177	1	10 007	2 644
From Contractual Cross Product Netting							
Financial collateral simple method (for SFTs)							
Financial collateral comprehensive method (for SFTs)						4 181	701
VaR for SFTs							
Total							3 842

2021 Q4, EURm	Notional	Replacement cost/ Current market value	Potential future value	EEPE	Multiplier	EAD post- CRM	REA
Mark to market							
Original exposure							
Standardised approach		333	950		1	1 689	642
Internal Model Method (for derivatives and SFTs)			3 948	6 645	1	10 765	3 636
Securities Financing Transactions							
Derivatives & Long Settlement Transactions			3 948	6 645	1	10 765	3 636
From Contractual Cross Product Netting							
Financial collateral simple method (for SFTs)							
Financial collateral comprehensive method (for SFTs)						2 003	320
VaR for SFTs							
Total							4 598

EU CCR2 Credit valuation adjustment (CVA) capital charge

The CVA risk capital charge computes the amount required to cover the potential losses arising from marking to market the counterparty credit risk of the OTC derivative portfolio. It is calculated using either an advanced approach or a standardised approach where the advanced approach is based on a VaR model and calculated as a 60 day average. REA amounts have increased since the last reporting period. The increase in ACVA is mostly attributed to a higher EAD for those portfolios subject to the advanced method, which leads to higher credit sensitivities. The increase in SCVA REA numbers followed exposure increase direction over last half of year driven by market conditions (strong FX moves offset by higher rates).

2022 Q2, EURm	Exposure value	REA
Total portfolios subject to the Advanced Method	3 113	756
(i) VaR component (including the 3×multiplier)		150
(ii) Stressed VaR component (including the 3×multiplier)		606
All portfolios subject to the Standardised Method	895	338
Based on Original Exposure Method		
Total subject to the CVA capital charge	4 008	1 094

2021 Q4, EURm	Exposure value	REA
Total portfolios subject to the Advanced Method	2 316	525
(i) VaR component (including the 3×multiplier)		53
(ii) Stressed VaR component (including the 3×multiplier)		473
All portfolios subject to the Standardised Method	899	249
Based on Original Exposure Method		
Total subject to the CVA capital charge	3 215	774

EU CCR3 - Standardised approach – CCR exposures by regulatory exposure class and risk weights

The total amount of EAD for the SA approach increased by 887 EUR mln. The institutions increase has been offset by regional governments or local authorities.

2022 Q2, EURm											
Exposure classes	Risk weight										
	0%	2%	4%	10%	20%	50%	70%	75%	100%	150%	Other
Central governments or central banks	1 973				3						
Regional governments or local authorities	586				99						
Public sector entities											
Multilateral development banks	568										
International organisations	0										
Institutions		2 556			5	1					160
Corporate									4		
Retail								0			
Secured by mortgages on immovable property						0					
Other items											
Total	3 127	2 556	0	0	107	1	0	0	4	0	160

2021 Q4, EURm											
Exposure classes	Risk weight										
	0%	2%	4%	10%	20%	50%	70%	75%	100%	150%	Other
Central governments or central banks	1 832				0						
Regional governments or local authorities	1 468				284						
Public sector entities											
Multilateral development banks	343										
International organisations	49										
Institutions		910			10	1					159
Corporate									11		
Retail								0			
Secured by mortgages on immovable property						0					
Other items											
Total	3 691	910	-	-	295	1	-	0	11	-	159

EU CCR4 - IRB approach – CCR exposures by exposure class and PD scale

EU CCR4 tables show EAD for counterparty credit risk (CCR) according to the IRB approach broken down by exposure class and obligor grade, providing a comprehensive overview of original and regulatory exposures as well as statistics on the inputs used for their computation, such as EAD, average PD and average LGD. During Q1-Q2 2022 total EAD increased by EUR 345 mln and REA decreased by EUR 754 mln, the REA density decreased from 47% to 38%.

2022 Q2, EURm	a	b	c	d	e	f	g
Central governments and central banks (F-IRB)							
PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
0.00 to < 0.15							
0.15 to < 0.25							
0.25 to < 0.50							
0.50 to < 0.75							
0.75 to < 2.50							
2.50 to < 10.00							
10.00 to < 100							
100 (Default)							
Central governments and central banks (F-IRB)							

Central governments and central banks (A-IRB)

PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
0.00 to < 0.15							
0.15 to < 0.25							
0.25 to < 0.50							
0.50 to < 0.75							
0.75 to < 2.50							
2.50 to < 10.00							
10.00 to < 100							
100 (Default)							
Central governments and central banks (A-IRB)							

Institutions (F-IRB)

PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
0.00 to < 0.15	3 585	0,07%	119	45,0%	2,1	1 055	29%
0.15 to < 0.25	124	0,17%	26	45,0%	2,3	62	50%
0.25 to < 0.50	327	0,34%	41	45,0%	2,4	193	59%
0.50 to < 0.75	10	0,66%	5	45,0%	2,5	7	65%
0.75 to < 2.50	20	1,02%	10	45,0%	2,5	20	99%
2.50 to < 10.00							
10.00 to < 100							
100 (Default)			10				
Institutions (F-IRB)	4 066	0,10%	211	45,0%	2,1	1 336	33%

Institutions (A-IRB)

PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
0.00 to < 0.15							
0.15 to < 0.25							
0.25 to < 0.50							
0.50 to < 0.75							
0.75 to < 2.50							
2.50 to < 10.00							
10.00 to < 100							
100 (Default)							
Institutions (A-IRB)							

Corporates (F-IRB)

PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
0.00 to < 0.15	4 043	0,08%	1 213	45,0%	1,9	1 197	30%
0.15 to < 0.25	825	0,22%	477	44,9%	1,6	371	45%
0.25 to < 0.50	371	0,44%	959	43,7%	2,3	269	73%
0.50 to < 0.75						0	
0.75 to < 2.50	285	1,25%	644	43,7%	2,0	251	88%
2.50 to < 10.00	143	3,61%	81	44,8%	2,5	196	137%
10.00 to < 100	23	19,91%	191	43,5%	2,1	41	181%
100 (Default)	3	19,33%	42	43,0%	2,2	0	1%
Corporates (F-IRB)	5 691	0,40%	3 607	44,8%	1,9	2 326	41%

Corporates (A-IRB)

PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
0.00 to < 0.15	25	0,10%		29,1%	2,5	4	16%
0.15 to < 0.25	8	0,20%		30,6%	2,5	3	35%
0.25 to < 0.50	1	0,50%		33,9%	2,5	0	53%
0.50 to < 0.75							
0.75 to < 2.50	1	0,80%		31,3%	2,5	0	64%
2.50 to < 10.00	0	3,60%		35,6%	2,5	0	114%
10.00 to < 100	0	36,20%		34,3%		0	82%
100 (Default)							
Corporates (A-IRB)	34	0,30%		29,7%	2,5	8	22%

Retail (A-IRB)

PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
0.00 to < 0.15	1	0,10%	43	34,3%	2,5	0	8%
0.15 to < 0.25	3	0,20%	45	34,6%	2,5	0	14%
0.25 to < 0.50	7	0,40%	62	34,5%	2,5	2	23%
0.50 to < 0.75	12	0,60%	28	34,6%	2,5	4	29%
0.75 to < 2.50	6	1,13%	227	36,9%	2,5	2	38%
2.50 to < 10.00	4	3,57%	109	38,0%	2,4	2	54%
10.00 to < 100	20	24,04%	80	38,1%	2,5	19	96%
100 (Default)	0	100,00%	10	36,5%	2,5	0	456%
Retail (A-IRB)	53	9,56%	604	36,4%	2,5	29	55%

Total (all CCR relevant exposure classes)	9 844	0,32%	4 422	44,79%	2	3 699	38%
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EU CCR5-A: Impact of netting and collateral held on exposure values

Higher transactions volumes have driven exposures up during the second half of 2022 which translated into higher netting benefits and collateral held. Combined with higher Nordic rates and FX volatility (especially strong USD) on the markets over last six months, resulted in the Current Exposure Net (after close-out netting and collateral reduction) equal to EUR 4.97bn.

2022 Q2, EURm	Gross positive fair value or net carrying amount	Netting benefits	Netted current credit exposure	Collateral held	Net credit exposure
Derivatives by underlying	159 187	148 950	10 237	6 240	3 997
Securities Financing Transactions	39 397	14 256	25 142	24 172	969
Cross product netting	0	0	0	0	0
Total	198 584	163 206	35 379	30 413	4 966

2021 Q4, EURm	Gross positive fair value or net carrying amount	Netting benefits	Netted current credit exposure	Collateral held	Net credit exposure
Derivatives by underlying	95 544	84 647	10 897	6 790	4 107
Securities Financing Transactions	24 639	13 429	11 210	10 868	341
Cross product netting	0	0	0	0	0
Total	120 183	98 077	22 106	17 658	4 448

EU CCR5-B: Composition of collateral for exposures to CCR

Collateral used in derivative transactions reflects the total amount of posted and received collateral on the day of reporting. For the SFT's the trade collateral (the counterparties obligation in the transaction) is included as collateral. Most significant development since last reporting date is higher SFT volumes experienced during the first half of 2022, which translated into the higher amounts of received and posted collateral for SFT transactions. On the contrary, posted collateral amounts for derivative transactions have dropped since the last reporting period due to reduction in bonds fair value.

	Collateral used in derivative transactions				Collateral used in SFTs	
	Fair value of collateral received		Fair value of posted collateral		Fair value of collateral received	Fair value of posted collateral
2022 Q2, EURm	Segregated	Unsegregated	Segregated	Unsegregated		
Cash		5 966		6 053	39 528	42 381
Government bonds		1 534	71	1 036	22 210	21 886
Mortgage bonds		72	145	97	9 266	6 134
Bonds		153	2	33	6 938	4 326
Equity					6 357	7 104
Other					1 786	1 156
Total		7 726	217	7 219	86 085	82 987

	Collateral used in derivative transactions				Collateral used in SFTs	
	Fair value of collateral received		Fair value of posted collateral		Fair value of collateral received	Fair value of posted collateral
2021 Q4, EURm	Segregated	Unsegregated	Segregated	Unsegregated		
Cash		6 242		6 711	18 744	25 104
Government bonds		1 128	32	1 527	14 864	12 209
Mortgage bonds		129	70	396	5 396	4 024
Bonds		47	1	10	3 126	2 196
Equity					7 299	96
Other					339	490
Total		7 546	103	8 644	49 769	44 120

EU CCR6 - Credit derivatives exposures

2022 Q2, EURm		a	b
		Protection bought	Protection sold
Notionals			
1	Single-name credit default swaps	3 061	2 078
2	Index credit default swaps	84 616	82 596
3	Total return swaps	0	0
4	Credit options	0	0
5	Other credit derivatives	3 333	4 630
6	Total notionals	91 010	89 305
Fair values			
7	Positive fair value (asset)	539	436
8	Negative fair value (liability)	-444	-890

EU CCR7: REA flow statements of CCR exposures under the IMM

The breakdown of REA movements into the components shown in the table is done on a best effort basis. Only exposures calculated under IMM are included in this breakdown. REA increase throughout the second quarter of 2022 can be mostly attributed to significant increases in foreign exchange moves over the quarter which has been partly offset by an increase in creditworthiness of counterparties across the portfolio.

EURm	REA amounts	Capital requirements
REA 2022 Q1	2 552	204
Asset size	39	3
Credit quality of counterparties	-147	-12
Model updates (IMM only)	0	0
Methodology and policy (IMM only)		0
Acquisitions and disposals	0	0
Foreign exchange movements	184	15
Interest rate movements	13	1
Other	3	0
REA 2022 Q2	2 644	211

EURm	REA amounts	Capital requirements
REA 2021 Q4	3 636	291
Asset size	-258	-21
Credit quality of counterparties	63	5
Model updates (IMM only)	-41	-3
Methodology and policy (IMM only)		0
Acquisitions and disposals	0	0
Foreign exchange movements	0	0
Interest rate movements	-873	-70
Other	26	2
REA 2022 Q1	2 552	204

EU CCR8 Exposures to central counterparties

Exposure towards CCPs increased due to drop in collateral amounts and portfolio changes. Same applies to semi-annual REA development. REA for Initial Margin is not included in the table, since it is contemplated in the simulation and therefore it is not possible to perform the split in items (i),(ii),(iii) and (iv).

2022 Q2, EURm	EAD (post- CRM)	REA
Exposures to QCCPs (total)	0	119
Exposures for trades at QCCPs (excluding initial margin and default fund contributions); of which	1 669	33
(i) OTC derivatives	651	13
(ii) Exchange-traded derivatives	94	2
(iii) Securities financing transactions	925	18
(iv) Netting sets where cross-products netting has been approved	0	0
Segregated initial margin	669	0
Non-segregated initial margin	887	18
Pre-funded default fund contribution	160	68
Unfunded default fund contribution	0	0
Exposures to non-QCCPs (total)		0

2021 Q4, EURm	EAD (post- CRM)	REA
Exposures to QCCPs (total)	0	79
Exposures for trades at QCCPs (excluding initial margin and default fund contributions); of which	566	11
(i) OTC derivatives	196	4
(ii) Exchange-traded derivatives	106	2
(iii) Securities financing transactions	264	5
(iv) Netting sets where cross-products netting has been approved	0	0
Segregated initial margin	601	0
Non-segregated initial margin	344	7
Pre-funded default fund contribution	159	61
Unfunded default fund contribution	0	0
Exposures to non-QCCPs (total)		0

EU LIQ1 - Quantitative information of LCR

		a	b	c	d	e	f	g	h
		Total unweighted value (average)				Total weighted value (average)			
EU 1a	2022 Q2, EURm	30-jun-22	31-mar-22	31-dec-21	30-sep-21	30-jun-22	31-mar-22	31-dec-21	30-sep-21
EU 1b	Number of data points used in the calculation of averages	12	12	12	12	12	12	12	12
High-quality liquid assets									
1	Total high-quality liquid assets (HQLA), after application of haircuts in line with Article 9 of regulation (EU) 2015/61					121 631	131 528	127 219	122 173
Cash outflows									
2	retail deposits and deposits from small business customers, of which:	114 768	114 289	107 330	105 027	8 002	7 973	7 238	7 108
3	Stable deposits	78 454	78 062	82 786	81 031	3 923	3 903	4 139	4 052
4	Less stable deposits	36 304	36 216	24 481	23 932	4 080	4 070	3 080	3 038
5	Unsecured wholesale funding	121 571	129 331	136 176	130 780	64 964	70 533	67 311	60 141
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	32 157	30 976	33 877	37 563	8 024	7 730	8 059	8 999
7	Non-operational deposits (all counterparties)	69 715	82 160	93 460	79 554	37 241	46 608	50 413	37 479
8	Unsecured debt	19 699	16 195	8 838	13 663	19 699	16 195	8 838	13 663
9	Secured wholesale funding					4 262	3 466	3 085	4 233
10	Additional requirements	76 760	72 999	76 955	78 996	14 413	13 039	13 509	16 887
11	Outflows related to derivative exposures and other collateral requirements	7 267	5 972	6 930	10 825	6 862	5 684	6 907	10 676
12	Outflows related to loss of funding on debt products			225				225	
13	Credit and liquidity facilities	69 493	67 027	69 800	68 171	7 551	7 355	6 377	6 211
14	Other contractual funding obligations	2 185	2 133	3 367	6 497	1 806	1 752	2 945	6 076
15	Other contingent funding obligations	49 739	51 361	47 237	46 934	4 032	3 849	2 993	2 980
16	Total cash outflows					97 478	100 613	97 081	97 426
Cash inflows									
17	Secured lending (e.g. reverse repos)	20 647	24 514	24 901	27 473	2 512	3 297	2 520	2 746
18	Inflows from fully performing exposures	14 387	18 248	9 279	13 024	7 060	9 710	4 617	6 478
19	Other cash inflows	5 037	3 939	5 990	8 397	5 037	3 939	5 990	8 397
EU-19a	(Difference between total weighted inflows and total weighted outflows arising from transactions in third countries where there are transfer restrictions or which are denominated in non-convertible currencies)								
EU-19b	(Excess inflows from a related specialised credit institution)								
20	Total cash inflows	40 072	46 701	40 169	48 893	14 609	16 946	13 126	17 620
EU-20a	Fully exempt inflows								
EU-20b	Inflows subject to 90% cap								
EU-20c	Inflows subject to 75% cap	40 072	46 701	41 017	49 703	14 609	16 946	13 296	17 782
Total adjusted value									
21	Liquidity buffer					121 631	131 528	127 219	122 173
22	Total net cash outflows					82 870	83 667	83 955	79 806
23	Liquidity coverage ratio					147%	157%	152%	153%

EU LIQ2 - Net Stable Funding Ratio
ASF

			a	b	c	d	e
C 81.00			Unweighted value by residual maturity				Weighted value
Ref BCBS NSFR	Ref CRR2	2022 Q2, EURm	No maturity[1]	< 6 months	6 months to < 1yr	≥ 1yr	
451a 3b			Available stable funding (ASF) Items				
		1	Capital items and instruments	31 981	960	3 407	35 388
21a,24d, 25a		2	Own funds	31 981	44	3 291	35 272
21b,24d,25a		3	Other capital instruments		916	117	117
		4	Retail deposits		102 648	168	96 559
21c,22		5	Stable deposits		79 305	111	75 481
21c,23		6	Less stable deposits		23 343	57	21 078
		7	Wholesale funding:		206 168	33 139	176 481
21c,24b,25a		8	Operational deposits		32 274		944
21c,24acd,25a		9	Other wholesale funding		173 894	33 139	175 537
45		10	Interdependent liabilities				
		11	Other liabilities:	1 591	18 768		
19,20,25c		12	NSFR derivative liabilities	1 591			
25abd		13	All other liabilities and capital instruments not included in the above categories		18 768		
			14	Total available stable funding (ASF)			308 428
RSF							
C 80.00			a	b	c	d	e
Ref BCBS NSFR	Ref CRR2	2022 Q2, EURm	Unweighted value by residual maturity				Weighted value
	451a 3c		No maturity[1]	< 6 months	6 months to < 1yr	≥ 1yr	
			Required stable funding (RSF) Items				
36ab,37,39a, 40ab,42a,43a		15	Total high-quality liquid assets (HQLA)				4 579
		EU-15a	Assets encumbered for more than 12m in cover pool			93 915	79 827
40d		16	Deposits held at other financial institutions for operational purposes	460			230
		17	Performing loans and securities:	87 196	21 939	162 172	170 680
38,40c,43c		18	Performing securities financing transactions with financial customerscollateralised by Level 1 HQLA subject to 0% haircut	6 985	2		1
39b,40c,43c		19	Performing securities financing transactions with financial customer collateralised by other assets and loans and advances to financial institutions	21 028	119	1 524	2 718
36c,40e,41b,42b,4 3a		20	Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, and PSEs, of which:	52 487	14 971	78 767	101 772
36c,40e,41b,43a		21	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk	2 681	169	1 345	2 345
40e,41a,42b,43a		22	Performing residential mortgages, of which:	6 054	6 246	74 280	59 176
40e,41a,43a		23	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk	5 029	5 165	50 559	37 960
40e,42c,43a		24	Other loans and securities that are not in default and do not qualify as HQLA, including exchange-traded equities and trade finance on-balance sheet products	642	601	7 601	7 013
45		25	Interdependent assets				
		26	Other assets:	22 580	108	9 002	12 712
42d		27	Physical traded commodities				
42a		28	Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs	2 984			2 536
34,35,43b		29	NSFR derivative assets				
19,43d		30	NSFR derivative liabilities before deduction of variation margin posted	14 819			741
36d,43c		31	All other assets not included in the above categories	4 778	108	9 002	9 435
46,47		32	Off-balance sheet items	9 825	9 156	72 478	5 322
			33	Total RSF			273 349
NSFR							
9	Art451a(3a), Art428b	34	Net Stable Funding Ratio (%)				112,8%

EU MR1 - Market risk under the standardised approach

The RWA stemming from the standardised approach (SA) decreased, driven by the foreign exchange risk which referred to the FX Banking Book exposure. The ratio between the total open net positions and total own funds was below the 2% regulatory driven threshold in Q2 2022, hence FX BB no longer contributed to SA RWA.

Interest rate risk increased compared to Q4 2021 and was driven by specific risk related to part of the bond portfolio that was not included in the Internal Model Approach (IMA).

The scenario approach related to the standardised part of the equity and commodity portfolios that were not included in the IMA.

	a
2022 Q2, EURm	RWA
Outright products ¹	
Interest rate risk (general and specific)	295
Equity risk (general and specific)	79
Foreign exchange risk	
Commodity risk	1
Options	
Simplified approach	
Delta-plus approach	1
Scenario approach	276
Securitisation (specific risk)	
Total	652

¹ Outright products refer to positions in products that are not optional.

	a
2021 Q4, EURm	RWA
Outright products ¹	
Interest rate risk (general and specific)	192
Equity risk (general and specific)	77
Foreign exchange risk	427
Commodity risk	43
Options	
Simplified approach	
Delta-plus approach	
Scenario approach	325
Securitisation (specific risk)	
Total	1 064

¹ Outright products refer to positions in products that are not optional.

EU MR2-A - Market risk under the internal Model Approach (IMA)

Market Risk RWA from the Internal Model Approach (IMA) increased by EUR 1,281m compared to Q4 2021 primarily driven by higher contribution from VaR and sVaR. VaR and sVaR in Q2 were driven by interest rate risk with an additional contribution from credit spread risk and small contributions from other risk classes. At Q2 2022 the Incremental Risk Charge (IRC) was driven by the 12 week average IRC measure and contributed to total RWA with EUR 1,031m which was an increase compared to Q4 2021. The RWA component stemming from Comprehensive Risk Measure (CRM) was EUR 539m.

	a	b
2022 Q2, EURm	RWA	Own funds requirements
1 VaR (higher of values a and b)	1 508	121
(a) Previous day's VaR (VaRt-1)		30
(b) Multiplication factor (mc) x average of previous 60 working days (VaRavg)		121
2 SVaR (higher of values a and b)	2 111	169
(a) Latest available SVaR (SVaRt-1))		50
(b) Multiplication factor (ms) x average of previous 60 working days (sVaRavg)		169
3 IRC (higher of values a and b)	1 031	83
(a) Most recent IRC measure		82
(b) 12 weeks average IRC measure		83
4 Comprehensive risk measure (higher of values a, b and c)	539	43
(a) Most recent risk measure of comprehensive risk measure		39
(b) 12 weeks average of comprehensive risk measure		43
(c) Comprehensive risk measure - Floor		26
5 Other		
6 Total	5 189	415

	a	b
2021 Q4, EURm	RWA	Own funds requirements
1 VaR (higher of values a and b)	1 204	96
(a) Previous day's VaR (VaRt-1)		36
(b) Multiplication factor (mc) x average of previous 60 working days (VaRavg)		96
2 SVaR (higher of values a and b)	1 750	140
(a) Latest available SVaR (SVaRt-1))		44
(b) Multiplication factor (ms) x average of previous 60 working days (sVaRavg)		140
3 IRC (higher of values a and b)	579	46
(a) Most recent IRC measure		42
(b) 12 weeks average IRC measure		46
4 Comprehensive risk measure (higher of values a, b and c)	374	30
(a) Most recent risk measure of comprehensive risk measure		27
(b) 12 weeks average of comprehensive risk measure		30
(c) Comprehensive risk measure - Floor		24
5 Other		
6 Total	3 908	313

EU MR2-B - RWA flow statements of market risk exposures under the IMA

Market Risk RWA from the Internal Model Approach (IMA) was EUR 5,189m in Q2 2022 which corresponded to an increase of EUR 526m compared to Q1 2022. The increase was primarily driven by higher VaR and sVaR as capital multipliers increased in the second quarter due to backtesting exceptions that occurred in June. Compared to Q1 2022, the RWA stemming from Incremental Risk Charge (IRC) increased by EUR 154m and the RWA from Comprehensive risk measure (CRM) increased by EUR 55m.

	a	b	c	d	e	f	g
EURm	VaR	SVaR	IRC	Comprehensive risk measure	Other	Total RWA	Total own funds requirements
1 RWA 2022 Q1	1 233	2 068	878	484		4 663	373
1a Regulatory adjustment	-910	-1 527	-39	0		-2 476	-198
1b RWA 2022 Q1 (end of the day)	323	541	838	484		2 186	175
2 Movement in risk levels	56	79	190	6		332	27
3 Model updates/changes							
4 Methodology and policy							
5 Acquisitions and disposals							
6 Foreign exchange movements							
7 Other							
8a RWA 2022 Q2 (end of the day)	379	621	1 029	490		2 518	201
8b Regulatory adjustment	1 129	1 490	3	49		2 671	214
8 RWA 2022 Q2	1 508	2 111	1 031	539		5 189	415

	a	b	c	d	e	f	g
EURm	VaR	SVaR	IRC	Comprehensive risk measure	Other	Total RWA	Total own funds requirements
1 RWA 2021 Q4	1 204	1 750	579	374		3 908	313
1a Regulatory adjustment	-760	-1 205	-57	-41		-2 063	-165
1b RWA 2021 Q4 (end of the day)	444	545	522	334		1 845	148
2 Movement in risk levels	-121	-4	316	150		342	27
3 Model updates/changes							
4 Methodology and policy							
5 Acquisitions and disposals							
6 Foreign exchange movements							
7 Other							
8a RWA 2022 Q1 (end of the day)	323	541	838	484		2 186	175
8b Regulatory adjustment	910	1 527	39			2 476	198
8 RWA 2022 Q1	1 233	2 068	878	484		4 663	373

EU MR3 - IMA values for trading portfolios

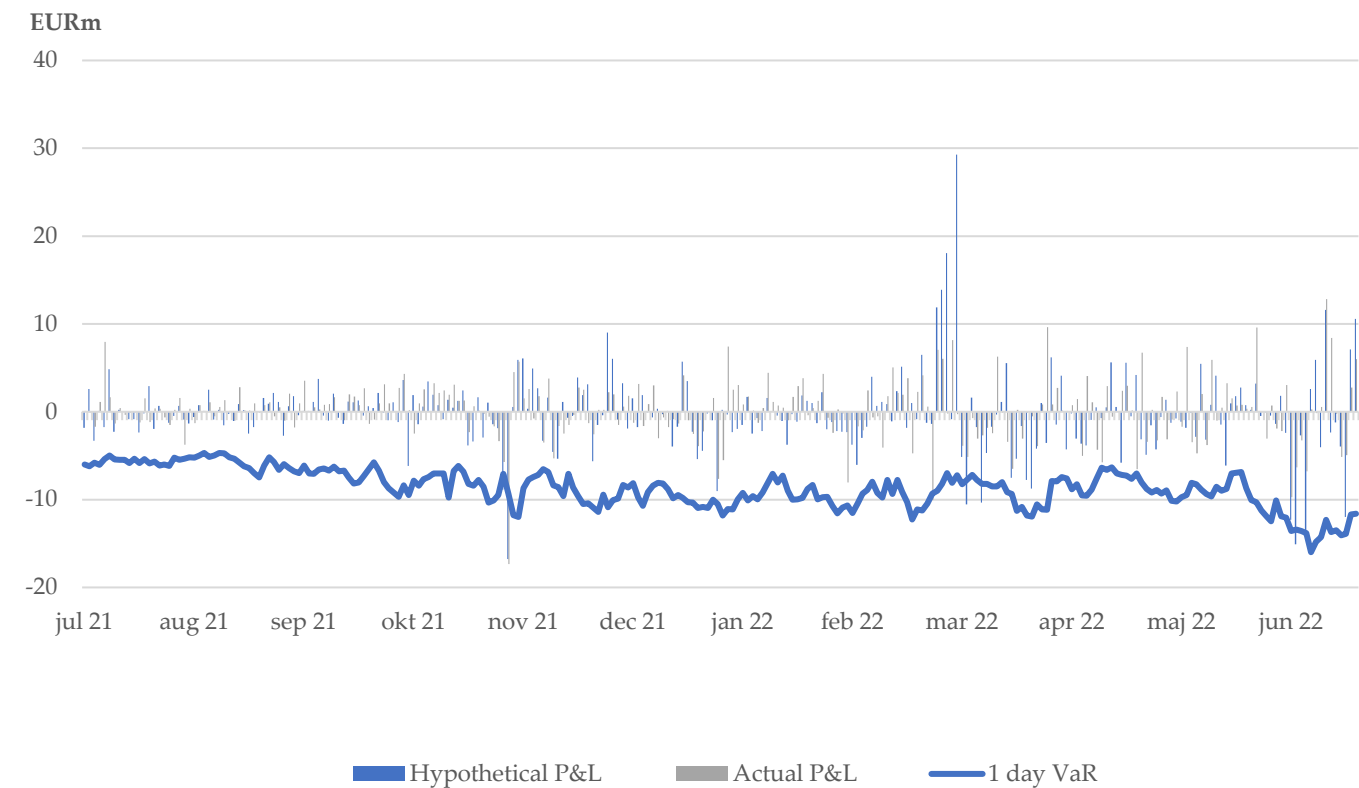
Market risk measured by VaR showed an average of EUR 31m in the first half of 2022 and was primarily driven by interest rate risk. SVaR showed an average of EUR 44m. Both average VaR and sVaR were higher in the first half of 2022 compared to the second half of 2021. In the first half of 2022 the maximum VaR was reached in Q2 while maximum sVaR was reached in Q1. Incremental Risk Charge (IRC) had an average value of EUR 31m in first half of 2022 which was higher compared to the second half of 2021 and was driven by higher migration risk. The highest IRC value was observed in Q2, whilst the lowest IRC was in Q1. During the first half of 2022 Comprehensive risk measure (CRM) had an average value of EUR 34m, ranging between a maximum of EUR 47m and EUR 23m. The lowest CRM value was reached in Q1 and the highest CRM value was in Q2.

2022 Q1-Q2, EURm	a
VaR (10 day 99%)	
1 Maximum value	51
2 Average value	31
3 Minimum value	21
4 Period end	30
SVaR (10 day 99%)	
5 Maximum value	69
6 Average value	44
7 Minimum value	32
8 Period end	50
IRC (99.9%)	
9 Maximum value	46
10 Average value	31
11 Minimum value	13
12 Period end	34
Comprehensive risk measure (99.9%)	
13 Maximum value	47
14 Average value	34
15 Minimum value	23
16 Period end	34

2021 Q3-Q4, EURm	a
VaR (10 day 99%)	
1 Maximum value	38
2 Average value	24
3 Minimum value	15
4 Period end	36
SVaR (10 day 99%)	
5 Maximum value	72
6 Average value	34
7 Minimum value	23
8 Period end	44
IRC (99.9%)	
9 Maximum value	28
10 Average value	19
11 Minimum value	12
12 Period end	17
Comprehensive risk measure (99.9%)	
13 Maximum value	37
14 Average value	21
15 Minimum value	12
16 Period end	23

EU MR4 - Comparison of VaR estimates with gains/losses

The figure below shows the 250 days VaR backtest of the trading book at the end of Q2 2022. The VaR models are considered being of a satisfactory quality if less than five exceptions are recorded within the last 250 banking days. By the end of Q2 2022, the model performance based on hypothetical profit/loss (SPL) was in the amber zone with six SPL exceptions during the last 250 business days and the model performance based on actual profit/loss (APL) was in the green zone with two APL exceptions during the last 250 business days. The backtest deciding the capital multiplier is the one with the highest number of exceptions based on hypothetical profit/loss or actual profit/loss.



EU IRRBB1 - Interest rate risks of non-trading book activities
 Supervisory shock scenarios

EURm	a		b		c		d	
	Changes of the economic value of equity		Changes of the net interest income					
	30-jun-22	31-mar-22	30-jun-22	31-mar-22	30-jun-22	31-mar-22	30-jun-22	31-mar-22
1 Parallel up	1 103	161			1 357	1 196		
2 Parallel down	-1 291	-149			-1 254	-416		
3 Steepener	312	294						
4 Flattenner	-187	-190						
5 Short rates up	272	-59						
6 Short rates down	-257	259						

EU-SEC1 - Securitisation exposures in the non-trading book

Nordea originated two securitizations (in January 2020 and in June 2022)and as of Q2 2022 Nordea had no other securitizations. Therefore, there was no exposure within Institution acting as Sponsor or Institution acting as Investor.

		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
		Institution acts as originator							Institution acts as sponsor				Institution acts as investor			
		Traditional			Synthetic			Sub-total	Traditional		Synthetic	Sub-total	Traditional		Synthetic	Sub-total
		STS		Non-STS			STS		Non-STS	STS			Non-STS			
2022 Q2, EURm		of which SRT		of which SRT		of which SRT										
1	Total exposures					6 942	6 942	6 942								
2	Retail (total)															
3	residential mortgage															
4	credit card															
5	other retail exposures															
6	re-securitisation															
7	Wholesale (total)					6 942	6 942	6 942								
8	loans to corporates					6 942	6 942	6 942								
9	commercial mortgage															
10	lease and receivables															
11	other wholesale															
12	re-securitisation															

EU-SEC3 - Securitisation exposures in the non-trading book and associated regulatory capital requirements - institution acting as originator or as sponsor

Nordea's total exposure value of securitization exposures amounted to EUR 6.9bn as of 30 June 2022. Nordea's RWEA of the securitization position was fully calculated using the IRB approach and amounted to EUR 1.2bn as per 30 June 2022.

		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	EU-p	EU-q
		Exposure values (by RW bands/deductions)					Exposure values (by regulatory approach)					RWEA (by regulatory approach)					Capital charge after cap	
		≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW / deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250% RW / deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%
2022 Q2, EURm																		
1	Total exposures	6 942					6 942				1 152				44			
2	Traditional transactions																	
3	Securitisation																	
4	Retail																	
5	Of which STS																	
6	Wholesale																	
7	Of which STS																	
8	Re-securitisation																	
9	Synthetic transactions	6 942					6 942				1 152				44			
10	Securitisation	6 942					6 942				1 152				44			
11	Retail underlying																	
12	Wholesale	6 942					6 942				1 152				44			
13	Re-securitisation																	

EU-SEC5 - Exposures securitised by the institution - Exposures in default and specific credit risk adjustments

Nordea's outstanding nominal amount of exposures securitized by the institution amounted to EUR 7.4bn as per 30 June 2022 and consisted solely of loans to corporates or SMEs. The exposures in default amounted to 9 EURm as of Q4 2021 and by the end of 30 June 2022 to EUR 4m.

	a	b	c
	Exposures securitised by the institution - Institution acts as originator or as sponsor		
2022 Q2, EURm	Total outstanding nominal amount	Of which exposures in default	Total amount of specific credit risk adjustments made during the period
1 Total exposures	7 389	4	20
2 Retail (total)			
3 residential mortgage			
4 credit card			
5 other retail exposures			
6 re-securitisation			
7 Wholesale (total)	7 389	4	20
8 loans to corporates	7 389	4	20
9 commercial mortgage			
10 lease and receivables			
11 other wholesale			
12 re-securitisation			

LR1 - LRSum: Summary reconciliation of accounting assets and leverage ratio exposures

Description of the processes used to manage the risk of excessive leverage. The risk of excessive leverage is included in the Group's reporting and control processes and is monitored by the group Board and CEO. The leverage ratio as defined in the CRDIV/CRR is further an integrated part of the Risk appetite framework for which internal limits and targets are set. Description of the factors that had an impact on the leverage Ratio during the period to which the disclosed leverage Ratio refers Q2-Q2. The leverage ratio decreased from 5.34% in Q2 2021 to 4.89% in Q2 2022. The decrease is mainly driven by increase of Other Assets and decreased Tier I Capital.

2022 Q2, EURm	Applicable Amounts
1 Total assets as per published financial statements	610 960
2 Adjustment for entities which are consolidated for accounting purposes but are outside the scope of prudential consolidation	-53 979
3 (Adjustment for securitised exposures that meet the operational requirements for the recognition of risk transference)	
4 (Adjustment for temporary exemption of exposures to central bank (if applicable))	
5 (Adjustment for fiduciary assets recognised on the balance sheet pursuant to the applicable accounting framework but excluded from the leverage ratio total exposure measure in accordance with point (i) of Article 429a(1) CRR)	
6 Adjustment for regular-way purchases and sales of financial assets subject to trade date accounting	
7 Adjustment for eligible cash pooling transactions	-2 830
8 Adjustments for derivative financial instruments	-7 983
9 Adjustment for securities financing transactions (SFTs)	1 781
10 Adjustment for off-balance sheet items (ie conversion to credit equivalent amounts of off-balance sheet exposures)	42 461
11 (Adjustment for prudent valuation adjustments and specific and general provisions which have reduced Tier 1 capital)	0
EU-11a (Adjustment for exposures excluded from the leverage ratio total exposure measure in accordance with point (c) of Article 429a(1) CRR)	
EU-11b (Adjustment for exposures excluded from the leverage ratio total exposure measure in accordance with point (j) of Article 429a(1) CRR)	
12 Other adjustments	-9 780
13 Total exposure measure	580 630

*Incl. profit

LR2 - LRCom: Leverage ratio common disclosure

2022 Q2, EURm	CRR leverage ratio exposures
On-balance sheet exposures (excluding derivatives and SFTs)	
1 On-balance sheet items (excluding derivatives, SFTs, but including collateral)	492 136
2 Gross-up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the applicable accounting framework	
3 (Deductions of receivables assets for cash variation margin provided in derivatives transactions)	-4 693
4 (Adjustment for securities received under securities financing transactions that are recognised as an asset)	
5 (General credit risk adjustments to on-balance sheet items)	
6 (Asset amounts deducted in determining Tier 1 capital)	-3 635
7 Total on-balance sheet exposures (excluding derivatives and SFTs)	483 809
Derivative exposures	
8 Replacement cost associated with SA-CCR derivatives transactions (ie net of eligible cash variation margin)	7 715
EU-8a Derogation for derivatives: replacement costs contribution under the simplified standardised approach	
9 Add-on amounts for potential future exposure associated with SA-CCR derivatives transactions	18 344
EU-9a Derogation for derivatives: Potential future exposure contribution under the simplified standardised approach	
EU-9b Exposure determined under Original Exposure Method	7
10 (Exempted CCP leg of client-cleared trade exposures) (SA-CCR)	
EU-10a (Exempted CCP leg of client-cleared trade exposures) (simplified standardised approach)	
EU-10b (Exempted CCP leg of client-cleared trade exposures) (original Exposure Method)	
11 Adjusted effective notional amount of written credit derivatives	89 305
12 (Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-84 958
13 Total derivatives exposures	30 413
Securities financing transaction (SFT) exposures	
14 Gross SFT assets (with no recognition of netting), after adjustment for sales accounting transactions	29 877
15 (Netted amounts of cash payables and cash receivables of gross SFT assets)	-5 368
16 Counterparty credit risk exposure for SFT assets	890
EU-16a Derogation for SFTs: Counterparty credit risk exposure in accordance with Articles 429e(5) and 222 CRR	
17 Agent transaction exposures	
EU-17a (Exempted CCP leg of client-cleared SFT exposure)	
18 Total securities financing transaction exposures	25 399
Other off-balance sheet exposures	
19 Off-balance sheet exposures at gross notional amount	114 858
20 (Adjustments for conversion to credit equivalent amounts)	-72 397
21 (General provisions deducted in determining Tier 1 capital and specific provisions associated with off-balance sheet exposures)	
22 Off-balance sheet exposures	42 461
Excluded exposures	
EU-22a (Exposures excluded from the leverage ratio total exposure measure in accordance with point (c) of Article 429a(1) CRR)	
EU-22b (Exposures exempted in accordance with point (j) of Article 429a (1) CRR (on and off balance sheet))	
EU-22c (Excluded exposures of public development banks (or units) - Public sector investments)	
EU-22d (Excluded exposures of public development banks (or units) - Promotional loans)	
EU-22e (Excluded passing-through promotional loan exposures by non-public development banks (or units))	
EU-22f (Excluded guaranteed parts of exposures arising from export credits)	-1 452
EU-22g (Excluded excess collateral deposited at triparty agents)	
EU-22h (Excluded CSD related services of CSD/institutions in accordance with point (o) of Article 429a(1) CRR)	
EU-22i (Excluded CSD related services of designated institutions in accordance with point (p) of Article 429a(1) CRR)	

2022 Q2, EURm	CRR leverage ratio exposures
EU-22j (Reduction of the exposure value of pre-financing or intermediate loans)	
EU-22k (Total exempted exposures)	-1 452
Capital and total exposure measure	
23 Tier 1 capital	28 379
24 Total exposure measure	580 630
Leverage ratio	
25 Leverage ratio	4,9%
EU-25 Leverage ratio excluding the impact of the exemption of public sector investments and promotional loans) (%)	4,9%
25a Leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves)	4,89%
26 Regulatory minimum leverage ratio requirement (%)	3,00%
EU-26a Additional own funds requirements to address the risk of excessive leverage (%)	
EU-26b of which: to be made up of CET1 capital (percentage points)	
27 Leverage ratio buffer requirement (%)	
EU-27a Overall leverage ratio requirement (%)	3,00%
Choice on transitional arrangements and relevant exposures	
EU-27b Choice on transitional arrangements for the definition of the capital measure	
Disclosure of mean values	
28 Mean value of gross SFT assets, after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables	28 937
29 Quarter-end value of gross SFT assets, after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables	24 509
30 Total exposure measure (including the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	585 059
30a Total exposure measure (excluding the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	585 059
31 Leverage ratio (including the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	4,85%
31a Leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	4,85%

*Incl. Profit

LR3 - LRSpl: Split-up of on balance sheet exposures (excluding derivatives, SFTs and exempted exposures)

2022 Q2, EURm		CRR leverage ratio exposures
EU-1	Total on-balance sheet exposures (excluding derivatives, SFTs, and exempted exposures), of which:	491 265
EU-2	Trading book exposures	35 490
EU-3	Banking book exposures, of which:	455 776
EU-4	Covered bonds	25 297
EU-5	Exposures treated as sovereigns	95 995
EU-6	Exposures to regional governments, MDB, international organisations and PSE not treated as sovereigns	4 375
EU-7	Institutions	1 459
EU-8	Secured by mortgages of immovable properties	159 500
EU-9	Retail exposures	26 539
EU-10	Corporates	122 990
EU-11	Exposures in default	2 328
EU-12	Other exposures (eg equity, securitisations, and other non-credit obligation assets)	17 295

*Incl. Profit

EU CCyB1 - Geographical distribution of credit exposures relevant for the calculation of the countercyclical buffer

2022 Q2, EURm	General credit risk exposures		Trading book exposures		Securitisation exposures	Total exposure value	Own funds requirement				Risk-weighted exposure amounts	Own funds requirement weight (%)	Counter-cyclical buffer rate (%)
	SA ¹	IRB ¹ approach	SA	Internal models approach	Exposure value for non-trading book		General credit exposures	Trading book exposures	Securitisation exposures	Total			
Countries with existing CCyB rate													
Bulgaria	0	2				2	0			0	2	0,0%	0,5%
Czech Republic	0	22				22	1			1	9	0,0%	0,5%
Hong Kong	0	33				33	0			0	5	0,0%	1,0%
Luxembourg	592	4 030				4 622	163			163	2 038	1,6%	0,5%
Norway	8 549	67 893			1	76 443	2 213			2 213	27 668	22,3%	1,5%
Slovakia	0	6				6	0			0	3	0,0%	1,0%
Sub-Total	9 141	71 987			1	81 129	2 378			2 378	29 725	23,9%	
Countries with own funds requirements weight 1% or above and no existing CCyB rate													
Denmark	2 254	88 379			2	90 635	1 890			1 890	23 630	19,0%	0,0%
Finland	1 935	71 371				73 307	1 850			1 850	23 125	18,6%	0,0%
United Kingdom	278	2 875				3 153	144			144	1 797	1,4%	0,0%
Marshall Islands		1 188				1 188	95			95	1 186	1,0%	0,0%
Sweden	2 071	108 719			1	7 389	118 179		92	2 869	35 869	28,8%	0,0%
United States	434	3 253				3 687	152			152	1 901	1,5%	0,0%
Sub-Total	6 972	275 786			3	7 389	290 150		92	7 001	87 507	70,4%	
Countries with own funds requirements below 1% and no existing CCyB rate													
Sub-Total	337	14 012			1	14 350	568			568	7 103	5,7%	
Total	16 451	361 785			4	7 389	385 629		92	9 947	124 335	100%	

1) Standardised approach
2) Internal ratings based

EU CCyB2 - Amount of institution-specific countercyclical capital buffer

2022 Q2, EURm

Total risk exposure amount	150 723
Institution specific countercyclical capital buffer rate	0,34%
Institution specific countercyclical capital buffer requirement	516

Cov 19 Template 1: Information on loans and advances subject to legislative and non-legislative moratoria¹

	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
	Gross carrying amount							Accumulated impairment, accumulated negative changes in fair value due to credit risk							Gross carrying amount
	Performing			Non performing				Performing			Non performing				Inflows to non-performing exposures
			Of which: exposures with forbearance measures	Of which: Instruments with significant increase in credit risk since initial recognition but not credit-impaired (Stage 2)			Of which: exposures with forbearance measures	Of which: Unlikely to pay that are not past-due or past-due <= 90 days			Of which: exposures with forbearance measures	Of which: Instruments with significant increase in credit risk since initial recognition but not credit-impaired (Stage 2)	Of which: exposures with forbearance measures	Of which: Unlikely to pay that are not past-due or past-due <= 90 days	
2022 Q2, EURm															
1	Loans and advances subject to moratorium	6 225	6 204	8	178	21	2	-3	-2	-0,1	-1	-1,3	-0,1		7
2	of which: Households	6 225	6 204	8	178	21	2	-3	-2	-0,1	-1	-1,3	-0,1		7
3	of which: Collateralised by residential immovable property	6 225	6 204	8	178	21	2	-3	-2	-0,1	-1	-1,3	-0,1		7
4	of which: Non-financial corporations														
5	of which: Small and Medium-sized Enterprises														
6	of which: Collateralised by commercial immovable property														

¹ Only the legislative moratoria granted to households in Sweden are reported. All Payment Holidays have expired.

	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
	Gross carrying amount							Accumulated impairment, accumulated negative changes in fair value due to credit risk							Gross carrying amount
	Performing			Non performing				Performing			Non performing				Inflows to non-performing exposures
			Of which: exposures with forbearance measures	Of which: Instruments with significant increase in credit risk since initial recognition but not credit-impaired (Stage 2)			Of which: exposures with forbearance measures	Of which: Unlikely to pay that are not past-due or past-due <= 90 days			Of which: exposures with forbearance measures	Of which: Instruments with significant increase in credit risk since initial recognition but not credit-impaired (Stage 2)	Of which: exposures with forbearance measures	Of which: Unlikely to pay that are not past-due or past-due <= 90 days	
2021 Q4, EURm															
1	Loans and advances subject to moratorium	7 034	7 019	9	164	15	2	-3	-2	-0,1	-1	-1	-0,1		5
2	of which: Households	7 034	7 019	9	164	15	2	-3	-2	-0,1	-1	-1	-0,1		5
3	of which: Collateralised by residential immovable property	7 034	7 019	9	164	15	2	-3	-2	-0,1	-1	-1	-0,1		5
4	of which: Non-financial corporations														
5	of which: Small and Medium-sized Enterprises														
6	of which: Collateralised by commercial immovable property														

¹ Only the legislative moratoria granted to households in Sweden are reported

Cov 19 Template 2: Breakdown of loans and advances subject to legislative and non-legislative moratoria by residual maturity of moratoria¹

		a	b	c	d	e	f	g	h	i
		Number of obligors	Gross carrying amount							
			Of which: legislative moratoria	Of which: expired	Residual maturity of moratoria					
					<= 3 months	> 3 months <= 6 months	> 6 months <= 9 months	> 9 months <= 12 months	> 1 year	
2022 Q2, EURm										
1	Loans and advances for which moratorium was offered	48 708	6 225							
2	Loans and advances subject to moratorium (granted)	48 708	6 225	6 225	6 225					
3	of which: Households		6 225	6 225	6 225					
4	of which: Collateralised by residential immovable property		6 225	6 225	6 225					
5	of which: Non-financial corporations									
6	of which: Small and Medium-sized Enterprises									
7	of which: Collateralised by commercial immovable property									

¹ Only the legislative moratoria granted to households in Sweden are reported.All Payment Holidays have expired.

		a	b	c	d	e	f	g	h	i
		Number of obligors	Gross carrying amount							
			Of which: legislative moratoria	Of which: expired	Residual maturity of moratoria					
					<= 3 months	> 3 months <= 6 months	> 6 months <= 9 months	> 9 months <= 12 months	> 1 year	
2021 Q4, EURm										
1	Loans and advances for which moratorium was offered	48 708	7 034							
2	Loans and advances subject to moratorium (granted)	48 708	7 034	7 034	7 034					
3	of which: Households		7 034	7 034	7 034					
4	of which: Collateralised by residential immovable property		7 034	7 034	7 034					
5	of which: Non-financial corporations									
6	of which: Small and Medium-sized Enterprises									
7	of which: Collateralised by commercial immovable property									

¹ Only the legislative moratoria granted to households in Sweden are reported