

# Nordea



## Capital and Risk Management Report

Third Quarter 2020

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

Table 1 EU OV1: Overview of REA

The table provides an overview of total REA where the credit risk accounts for the largest risk type with approximately 70% of Pillar I REA in Q3 2020. Operational risk and market risk account for the second and third largest risk types respectively. REA decrease of EUR 4.0 bn in the third quarter of 2020 mainly stemmed from market risk (EUR 2.0bn) and credit risk (EUR 1.1bn). Market risk REA reduced in Q3 2020 primarily driven by interest and credit spread risk and from lower capital multipliers. The credit risk decrease during the period was driven by the full phase in of the revised SME supporting factor reducing the risk weight for small-mid size lending and adverse impact of currency movements in Norway and Sweden.

EURm	REA		Minimum capital requirement	
	2020 Q3	2020 Q2	2020 Q3	2020 Q2
1 Credit risk (excluding counterparty credit risk) (CCR)	104,672	106,257	8,374	8,501
2 Of which standardised approach (SA)	9,292	9,472	743	758
3 Of which foundation IRB (FIRB) approach	12,516	12,853	1,001	1,028
4 Of which advanced IRB approach	82,864	83,931	6,629	6,715
Of which AIRB	55,965	57,027	4,477	4,562
Of which Retail RIRB	26,899	26,905	2,152	2,152
5 Of which Equity IRB under the simple risk-weight or the IMA				
6 Counterparty credit risk	7,109	7,895	569	632
7 Of which Marked to market	574	605	46	48
8 Of which Original exposure				
9 Of which standardised approach				
10 Of which internal model method (IMM)	5,449	5,896	436	472
Of which Financial collateral simple method (for SFTs)				
Of which Financial collateral comprehensive method (for SFTs)	453	461	36	37
11 Of which exposure amount for contributions to the default fund of a CCP				
12 Of which CVA	633	934	51	75
13 Settlement risk	106	1	8	0
14 Securitisation exposures in banking book	883	889	71	71
15 Of which IRB approach				
16 Of which IRB supervisory formula approach (SFA)	883	889	71	71
17 Of which internal assessment approach (IAA)				
18 Of which standardised approach				
19 Market risk	7,537	9,597	603	768
20 Of which standardised approach (SA)	2,756	2,755	220	220
21 Of which IMA	4,781	6,842	382	547
22 Large exposures				
23 Operational risk	14,701	14,701	1,176	1,176
24 Of which basic indicator approach				
25 Of which Standardised Approach	14,701	14,701	1,176	1,176
27 Amounts below the thresholds for deduction (subject to 250% risk weight)	3,556	3,657	284	293
28 Additional risk exposure amount related to Finnish RW floor due to Article 458 CRR	546	452	44	36
28 Additional risk exposure amount related to Swedish RW floor due to Article 458 CRR	11,450	11,151	916	892
Article 3 CRR Buffer				
29 Pillar 1 total	150,559	154,600	12,045	12,368

Table 2 EU CR8: REA flow statements of credit risk exposures under IRB

During the third quarter the IRB REA decreased by EUR 1.4bn, mainly driven by FX effects, stemming primarily from the appreciation of the NOK, SEK and USD against EUR. The full phase in of the revised SME supporting factor and improved asset quality further contributed to the REA decrease. This was somewhat offset by increased asset size.

EURm	REA	Capital requirement
1 REA 2020 Q2	96,785	7,743
2 Asset size	1,353	108
3 Asset quality	-722	-58
4 Model updates		
5 Methodology and policy*	-794	-64
6 Acquisitions and disposals		
7 Foreign exchange movements	-1,380	-110
8 Other	138	11
9 REA 2020 Q3	95,380	7,630

EURm	REA	Capital requirement
1 REA 2020 Q1	96,178	7,694
2 Asset size	1,749	140
3 Asset quality	-1,427	-114
4 Model updates	679	54
5 Methodology and policy*	-1,587	-127
6 Acquisitions and disposals		
7 Foreign exchange movements	1,392	111
8 Other	-200	-16
9 REA 2020 Q2	96,785	7,743

\*On 18 June amendments to the CRR II was implemented to give banks further possibilities to support the economy. This includes earlier implementation of e.g. an adjustment of the SME supporting factor, which reduces risk-weights for lending to small-mid size enterprises.

Table 3 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. The main drivers pushing REA down for the quarter were a reduction in portfolio size as well as a generalized improvement in credit quality for Nordea's counterparties, due to a rebound in business activity and expectations after the first wave of Covid19 passed. This was partially offset by an increase in exposure due to changing conditions in the FX markets, in particular a weaker NOK QoQ.

EURm	REA amounts	Capital requirements
REA 2020 Q2	5,896	472
Asset size	-712	-57
Credit quality of counterparties	-159	-13
Model updates (IMM only)	-1	0
Methodology and policy (IMM only)		0
Acquisitions and disposals	0	0
Foreign exchange movements	456	36
Interest rate movements	-28	-2
Other	-2	0
REA 2020 Q3	5,449	436

EURm	REA amounts	Capital requirements
REA 2020 Q1	6,335	507
Asset size	-272	-22
Credit quality of counterparties	39	3
Model updates (IMM only)	11	1
Methodology and policy (IMM only)		0
Acquisitions and disposals	0	0
Foreign exchange movements	-294	-24
Interest rate movements	82	7
Other	-5	0
REA 2020 Q2	5,896	472

Table 4 EU MR2-B: REA flow statements of market risk exposures under the IMA

By the end of Q3, the IMA REA amounted to 4,781 EURm which corresponded to a decrease of 2,061 EURm from Q2 2020. The reduction in the REA from VaR and sVaR of 1,455 EURm was primarily driven by interest and credit spread risk and from lower capital multipliers. REA from CRM decreased by EUR 667 EURm. CRM was stable and at a lower level during Q3 compared to the average of Q2 which was elevated by higher levels in April. The increase in REA from IRM of EUR 61m was due to an increased position in bonds towards the end of Q3.

EURm	VaR	SVaR	IRC	CRC	Total REA	Total capital requirements
REA before regulatory adjustments 2020 Q2	2,349	2,820	607	1,065	6,842	547
Regulatory adjustment						
REA 2020 Q2	2,349	2,820	607	1,065	6,842	547
Movement in risk levels	-779	-434	61	-667	-1,818	-145
Model updates/changes						
Methodology and policy	-99	-144			-243	-19
Acquisitions and disposals						
Foreign exchange movements						
Other						
REA before regulatory adjustments 2020 Q3	1,472	2,243	668	399	4,781	382
Regulatory adjustment						
REA 2020 Q3	1,472	2,243	668	399	4,781	382

EURm	VaR	SVaR	IRC	CRC	Total REA	Total capital requirements
REA before regulatory adjustments 2020 Q1	1,067	2,388	849	1,521	5,825	466
Regulatory adjustment						
REA 2020 Q1	1,067	2,388	849	1,521	5,825	466
Movement in risk levels	1,193	330	-242	-456	826	66
Model updates/changes						
Methodology and policy	89	102			191	15
Acquisitions and disposals						
Foreign exchange movements						
Other						
REA before regulatory adjustments 2020 Q2	2,349	2,820	607	1,065	6,842	547
Regulatory adjustment						
REA 2020 Q2	2,349	2,820	607	1,065	6,842	547

#### Table 5 Summary of items included in own funds

Own funds decreased by EUR 1,1 bn in Q3 2020, mainly stemming from the decrease of Tier 2 capital offset by slight increase in CET1. The Tier 2 capital decrease was mainly from T2 loans that were called and announced to be called during the period. Regulatory amortisations and currency effects related to the T2 instruments further decreased the own funds in Q3 2020. The CET1 increased by EUR 295m, mainly driven by profit accumulation net of dividend accrual.

EURm	2020 Q3	2020 Q2
<b>Calculation of own funds</b>		
Equity in the consolidated situation	28,047	28,064
Profit of the period	1,665	891
Proposed/actual dividend	-1,078	-492
<b>Common Equity Tier 1 capital before regulatory adjustments</b>	<b>28,634</b>	<b>28,463</b>
Deferred tax assets	-173	-240
Intangible assets	-3,377	-3,401
IRB provisions shortfall (-)		
Deduction for investments in credit institutions (50%)		
Pension assets in excess of related liabilities	-56	-71
Other items, net <sup>1</sup>	-273	-290
<b>Total regulatory adjustments to Common Equity Tier 1 capital</b>	<b>-3,878</b>	<b>-4,002</b>
<b>Common Equity Tier 1 capital (net after deduction)</b>	<b>24,756</b>	<b>24,461</b>
Additional Tier 1 capital before regulatory adjustments	2,704	2,787
Total regulatory adjustments to Additional Tier 1 capital	-26	-24
<b>Additional Tier 1 capital</b>	<b>2,678</b>	<b>2,763</b>
<b>Tier 1 capital (net after deduction)</b>	<b>27,434</b>	<b>27,224</b>
Tier 2 capital before regulatory adjustments	3,669	4,240
IRB provisions excess (+)	615	626
Deduction for investments in credit institutions (50%)		
Deductions for investments in insurance companies	-1,000	-1,000
Pension assets in excess of related liabilities		
Other items, net	-812	-62
<b>Total regulatory adjustments to Tier 2 capital</b>	<b>-1,197</b>	<b>-436</b>
<b>Tier 2 capital</b>	<b>2,472</b>	<b>3,804</b>
<b>Own funds (net after deduction)</b>	<b>29,906</b>	<b>31,028</b>
<sup>1</sup> Other items, net <sup>1</sup> based on profit inclusion	-282	-290

#### Own funds, excluding profit

EURm	2020 Q3	2020 Q2
Common Equity Tier 1 capital	24,558	24,385
Tier 1 capital (net after deduction)	27,236	27,148
Total own funds	29,708	30,952

#### Own Funds reported to ECB

	Q3/20	Q2/20
Profit inclusion	Including Q2 and Q1 profit, excluding Q3 profit (pending application)	Including profit

### Table 6 Capital ratios

CET1 and Tier 1 capital ratios increased from Q2 to Q3 2020. The increase stemmed from both an increase in CET1 capital and a decrease in REA due to lower market risk and credit risk in Q3 2020. Total capital ratio decreased due to a decrease in Tier 2 capital despite the decrease in REA.

Leverage ratio for both including profit and excluding profit increased slightly. The increase was from a combination of an increase in Tier 1 capital and a decrease in leverage ratio exposure due to on balance loans.

#### Risk based capital ratios

%	Q3 2020	Q2 2020
Common Equity Tier 1 capital ratio, including profit	16.4	15.8
Tier 1 capital ratio, including profit	18.2	17.6
Total capital ratio, including profit	19.9	20.1
Common Equity Tier 1 capital ratio, excluding profit	16.3	15.8
Tier 1 capital ratio, excluding profit	18.1	17.6
Total capital ratio, excluding profit	19.7	20.0

#### Leverage based capital ratios

%	Q3 2020	Q2 2020
Tier 1 capital, including profit, EURm	27,434	27,224
Leverage ratio exposure, including profit, EURm	544,060	553,867
Leverage ratio, including profit, percentage	5.0	4.9
Leverage ratio excluding central bank exposures <sup>1</sup> , including profit, percentage	5.3	
Tier 1 capital, excluding profit, EURm	27,236	27,148
Leverage ratio exposure, excluding profit, EURm	544,050	553,814
Leverage ratio, excluding profit, percentage	5.0	4.9
Leverage ratio excluding central bank exposures <sup>1</sup> , excluding profit, percentage	5.3	

<sup>1</sup> Calculated in accordance with article 500b of regulation (EU) 575/2013 of the European Parliament and of the Council (CRR) and decision (EU) 2020/1306 of the European Central Bank of 16 September 2020 (early implementation of CRR 2).

Table 7 Minimum capital requirements

The table shows a comprehensive overview of regulatory exposures and capital requirements for credit risk split by exposure class. IRB exposures remained the largest component of REA, comprising EUR 101,6bn (89%) of a EUR 114,7bn total (compared to EUR 103.5bn of EUR 116.9 bn Q2 2020). The total decrease in REA in Q3 2020 mainly stemmed from the corporate advanced IRB approach from the full phase in of the revised SME supporting factor reducing the risk weight for small-mid size lending and the currency movements in Norway and Sweden. Finally, REA for SA approach remained relatively stable during the quarter.

Q3 2020, EURm					
EURm	Original exposure	Exposure	Average risk weight	REA	Capital requirement
<b>IRB exposure classes</b>					
Sovereign	0	0	0%	0	0
Institution	36,980	35,174	15%	5,283	423
Corporate	189,116	149,384	45%	66,518	5,321
- of which advanced	166,880	131,733	42%	55,965	4,477
Retail	198,255	184,718	15%	26,927	2,154
- of which mortgage	156,510	153,554	12%	17,863	1,429
- of which other retail	41,745	31,164	29%	9,064	725
- of which SME	3,103	2,644	41%	1,097	88
Other non-credit obligation assets	3,371	3,369	87%	2,920	234
<b>Total IRB approach</b>	<b>427,722</b>	<b>372,645</b>	<b>27%</b>	<b>101,648</b>	<b>8,132</b>
<b>Standardised exposure classes</b>					
Central government and central banks	79,248	83,455	1%	604	48
Regional governments and local authorities	10,704	6,860	1%	81	6
Institution	2,204	2,204	6%	129	10
Corporate	1,846	1,491	87%	1,293	103
Retail	5,797	4,909	74%	3,640	291
Exposure secured by real estate	5,360	4,578	36%	1,627	130
Equity	1,636	1,636	211%	3,455	276
Other <sup>1</sup>	5,307	4,769	40%	2,226	178
<b>Total standardised approach</b>	<b>112,101</b>	<b>109,903</b>	<b>8%</b>	<b>13,055</b>	<b>1,044</b>
<b>Total</b>	<b>539,823</b>	<b>482,548</b>	<b>23%</b>	<b>114,703</b>	<b>9,176</b>

<sup>1</sup> Includes exposure classes Administrative bodies and non-commercial undertakings, Multilateral development banks, International organisations, Past due items, Items belonging to regulatory high-risk categories, Covered bonds, Short-term claims on institutions and corporate and other items.



Q2 2020, EURm

EURm	Original exposure	Exposure	Average risk weight	REA	Capital requirement
IRB exposure classes					
Sovereign					
Institution	36,518	34,535	16%	5,420	434
Corporate	191,135	151,973	45%	68,349	5,468
- of which advanced	167,716	133,012	43%	57,027	4,562
Retail	194,876	182,181	15%	26,933	2,155
- of which mortgage	153,021	150,361	12%	17,625	1,410
- of which other retail	41,855	31,820	29%	9,308	745
- of which SME	3,096	2,630	41%	1,080	86
Other non-credit obligation assets	3,237	3,235	86%	2,788	223
Total IRB approach	425,766	371,924	28%	103,491	8,279
Standardised exposure classes					
Central government and central banks	85,583	89,680	1%	754	60
Regional governments and local authorities	10,958	7,391	1%	86	7
Institution	3,105	3,107	5%	167	13
Corporate	2,231	1,611	97%	1,561	125
Retail	5,764	4,857	74%	3,600	288
Exposure secured by real estate	5,005	4,317	35%	1,515	121
Equity	1,700	1,700	207%	3,521	282
Other <sup>1</sup>	5,664	5,134	36%	2,180	174
Total standardised approach	120,010	117,797	8%	13,384	1,071
Total	545,776	489,721	23%	116,875	9,350

<sup>1</sup> Includes exposure classes Past due items, Items belonging to regulatory high-risk categories, Other items and Equity.

Table 8 EU CR6 Total IRB: Credit risk exposures by portfolio and PD scale

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. In Q3 2020, REA decreased by EUR 1.5bn driven by the decrease in corporate due to full phase in of the revised SME supporting factor. The decrease was partly offset by growth in corporate and retail portfolios with increased volumes in undrawn corporate credit lines and increased volumes in residential mortgage loans. Average PD decreased on total level driven by both retail and corporate portfolios.

Q3 2020, EURm

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors. '000	Average LGD	Average maturity	REA	REA density	EL	adj. and provision
Total IRB exposures												
0.00 to < 0.15	151,499	42,719	56%	175,893	0.09%	1,277,379	18.5%	2.5	20,262	12%	29	19
0.15 to < 0.25	43,591	14,975	50%	50,968	0.20%	605,926	22.4%	2.5	11,325	22%	23	21
0.25 to < 0.50	57,250	23,558	48%	67,844	0.41%	496,415	24.8%	2.4	25,259	37%	70	77
0.50 to < 0.75	6,114	981	50%	6,350	0.60%	173,730	19.8%	2.5	1,237	19%	8	15
0.75 to < 2.50	34,086	13,615	49%	37,966	1.18%	468,231	25.1%	2.5	17,879	47%	112	300
2.50 to < 10.00	7,507	3,026	44%	8,150	4.28%	224,233	26.1%	2.4	4,709	58%	90	189
10.00 to < 100	5,055	1,782	31%	4,807	21.63%	94,855	26.9%	2.5	4,897	102%	279	272
100 (Default)	4,909	661	11%	4,656	100.00%	105,690	26.4%	2.4	6,891	148%	1,407	1,824
Total	310,010	101,317	52%	356,634	1.98%	3,446,458	21.4%	2.5	92,460	26%	2,018	2,716

Q2 2020, EURm

PD scale	Original exposure	Off-balance	Average CCF	EAD	Average PD	Number of obligors. '000	Average LGD	Average maturity	REA	REA density	EL	Value adj.
Total IRB exposures												
0.00 to < 0.15	151,507	41,583	56%	175,299	0.09%	1,236,488	18.8%	2.5	20,715	12%	30	30
0.15 to < 0.25	41,613	14,935	50%	48,722	0.20%	612,415	22.2%	2.5	10,760	22%	22	27
0.25 to < 0.50	56,021	23,653	48%	66,362	0.41%	491,018	25.1%	2.4	25,218	38%	69	119
0.50 to < 0.75	6,250	925	52%	6,500	0.60%	173,127	19.6%	2.5	1,223	19%	8	15
0.75 to < 2.50	36,701	12,536	49%	40,421	1.19%	471,851	25.0%	2.5	19,672	49%	120	303
2.50 to < 10.00	7,825	2,107	38%	7,952	4.4%	227,350	25.0%	2.5	4,173	52%	86	200
10.00 to < 100	5,561	1,703	32%	5,258	21.5%	100,262	26.4%	2.5	5,230	99%	296	293
100 (Default)	5,222	745	10%	4,918	100.0%	104,948	26.6%	2.4	7,006	142%	1,494	1,868
Total	310,700	98,186	51%	355,433	2.09%	3,417,457	21.5%	2.5	93,996	26%	2,124	2,856

Table 8 EU CR6 FIRB Institutions: Credit risk exposures by PD scale

Q3 2020, EURm

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors, '000	Average LGD	Average maturity	REA	REA density	EL	Value adj. and provision
Institutions - FIRB												
0.00 to < 0.15	28,629	2,096	47%	29,796	0.07%	655	14.2%	2.5	2,915	10%	3	1
0.15 to < 0.25	35	38	19%	42	0.17%	75	44.5%	2.5	20	48%		
0.25 to < 0.50	197	1,257	49%	950	0.38%	160	40.7%	2.6	585	62%	1	
0.50 to < 0.75	136	115	22%	162	0.66%	82	44.9%	2.5	156	97%		1
0.75 to < 2.50	27	103	19%	46	1.10%	47	45.0%	2.5	51	111%		
2.50 to < 10.00	15	185	21%	32	6.88%	46	45.0%	2.5	64	198%	1	2
10.00 to < 100	37	2	4%	37	27.99%	184	44.8%	2.5	106	287%	5	
100 (Default)	5			5	100.00%	1	45.0%	2.5			2	4
<b>Total</b>	<b>29,080</b>	<b>3,796</b>	<b>45%</b>	<b>31,070</b>	<b>0.14%</b>	<b>1,250</b>	<b>15.4%</b>	<b>2.5</b>	<b>3,897</b>	<b>13%</b>	<b>13</b>	<b>8</b>

Q2 2020, EURm

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors, '000	Average LGD	Average maturity	REA	REA density	EL	Value adj. and provision
Institutions - FIRB												
0.00 to < 0.15	27,685	1,678	43%	28,503	0.07%	658	13.8%	2.5	2,668	9%	3	4
0.15 to < 0.25	44	246	51%	169	0.17%	73	44.9%	2.5	92	54%		
0.25 to < 0.50	179	1,890	57%	1,392	0.38%	180	42.1%	2.5	864	62%	2	22
0.50 to < 0.75	115	76	28%	136	0.70%	62	43.8%	2.5	116	85%		2
0.75 to < 2.50	41	141	18%	65	1.06%	52	45.0%	2.5	69	106%		1
2.50 to < 10.00	7	173	21%	27	7.86%	44	45.0%	2.5	56	211%	1	6
10.00 to < 100	120	1	13%	120	27.9%	191	25.3%	2.5	194	162%	8	2
100 (Default)												
<b>Total</b>	<b>28,190</b>	<b>4,205</b>	<b>48%</b>	<b>30,412</b>	<b>0.20%</b>	<b>1,260</b>	<b>15.5%</b>	<b>2.5</b>	<b>4,059</b>	<b>13%</b>	<b>15</b>	<b>37</b>

Table 8 EU CR6 IRB Corporates: Credit risk exposures by PD scale

Q3 2020, EURm

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors. '000	Average LGD	Average maturity	REA	REA density	EL	Value adj. and provision
Corporate - IRB, Total												
0.00 to < 0.15	32,058	23,540	49%	43,628	0.09%	12,160	28.5%	2.3	9,395	22%	12	11
0.15 to < 0.25	15,085	9,499	49%	19,907	0.22%	4,563	29.7%	2.4	8,189	41%	13	14
0.25 to < 0.50	35,902	18,975	47%	44,297	0.44%	13,115	27.6%	2.4	21,688	49%	54	63
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	21,763	10,937	46%	24,616	1.11%	13,082	27.8%	2.5	14,282	58%	77	203
2.50 to < 10.00	2,493	2,148	43%	2,972	3.61%	4,031	30.6%	2.3	2,455	83%	33	75
10.00 to < 100	3,003	1,278	34%	2,729	20.28%	14,638	29.8%	2.5	3,273	120%	167	176
100 (Default)	3,056	518		2,754	100.00%	1,572	29.3%	2.4	2,382	86%	1,308	1,419
Total	113,359	66,895	47%	140,904	2.82%	63,161	28.4%	2.4	61,664	44%	1,664	1,961
Corporate - AIRB, Total												
0.00 to < 0.15	29,769	22,658	50%	40,745	0.09%	11,336	27.6%	2.3	8,410	21%	11	10
0.15 to < 0.25	14,055	9,097	51%	18,806	0.22%	4,127	29.0%	2.4	7,733	41%	12	13
0.25 to < 0.50	33,872	17,969	50%	42,251	0.44%	11,643	26.9%	2.4	20,470	48%	50	56
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	19,635	9,700	50%	22,437	1.11%	11,439	26.4%	2.5	12,538	56%	66	176
2.50 to < 10.00	1,920	1,699	54%	2,617	3.61%	3,103	29.0%	2.2	2,067	79%	27	52
10.00 to < 100	2,222	860	50%	2,230	19.91%	11,845	27.1%	2.6	2,366	106%	122	140
100 (Default)	2,946	477	0%	2,647	100.00%	1,463	28.7%	2.4	2,382	90%	1,262	1,373
Total	104,419	62,461	50%	131,733	2.81%	54,956	27.4%	2.4	55,965	42%	1,551	1,818
Corporate - AIRB, Corporates (excluding SMEs and specialised lending)												
0.00 to < 0.15	13,853	20,692	50%	22,863	0.11%	2,217	31.2%	2.2	5,918	26%	8	8
0.15 to < 0.25	10,093	8,293	50%	13,247	0.22%	1,621	30.5%	2.3	6,046	46%	9	11
0.25 to < 0.50	22,634	15,743	49%	28,504	0.44%	4,341	28.1%	2.3	15,309	54%	35	44
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	11,099	8,196	48%	12,399	1.09%	4,111	28.2%	2.4	8,202	66%	39	119
2.50 to < 10.00	885	1,513	53%	1,594	3.61%	1,154	32.1%	2.1	1,561	98%	18	26
10.00 to < 100	934	530	48%	955	22.24%	5,876	29.6%	2.6	1,378	144%	64	61
100 (Default)	1,697	321		1,585	100.00%	410	30.4%	2.3	1,167	74%	842	902
Sub-total	61,195	55,288	49%	81,147	2.67%	19,730	29.5%	2.3	39,581	49%	1,014	1,170
Corporate - AIRB, SMEs (excluding specialised lending)												
0.00 to < 0.15	15,898	1,950	53%	17,857	0.07%	9,117	22.9%	2.4	2,482	14%	3	1
0.15 to < 0.25	3,955	804	54%	5,552	0.22%	2,505	25.4%	2.7	1,684	30%	3	2
0.25 to < 0.50	11,161	2,225	53%	13,683	0.45%	7,300	24.3%	2.4	5,130	37%	15	12
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	8,536	1,505	56%	10,038	1.13%	7,328	24.1%	2.5	4,337	43%	28	57
2.50 to < 10.00	1,035	186	56%	1,023	3.61%	1,949	24.3%	2.5	506	49%	9	26
10.00 to < 100	1,288	330	54%	1,275	18.17%	5,969	25.3%	2.5	988	78%	58	79
100 (Default)	1,241	154		1,054	100.00%	1,053	26.3%	2.5	1,206	114%	420	470
Sub-total	43,114	7,153	53%	50,480	3.02%	35,221	24.0%	2.5	16,331	32%	536	648
Corporate - AIRB, Specialised lending												
0.00 to < 0.15	19	17	40%	25	0.15%	2	36.3%	4.1	10	40%		
0.15 to < 0.25	7			7	0.22%	1	36.6%	2.2	3	40%		
0.25 to < 0.50	77	0	20%	64	0.47%	2	36.1%	1.3	31	48%		
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50												
2.50 to < 10.00												
10.00 to < 100												
100 (Default)	8	3		8	100.00%	1	25.1%	2.5	9	115%	1	1
Sub-total	111	20	34%	105	8.20%	6	35.3%	2.1	53	51%	1	1

Corporate - FIRB, Total

0.00 to < 0.15	2,289	882	6%	2,883	0.10%	2,300	42.1%	2.5	986	34%	1	1
0.15 to < 0.25	1,030	402	9%	1,101	0.22%	1,420	41.2%	2.5	456	41%	1	2
0.25 to < 0.50	2,030	1,006	8%	2,047	0.45%	3,932	42.8%	2.5	1,219	60%	4	7
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	2,128	1,237	14%	2,179	1.16%	4,861	42.3%	2.5	1,743	80%	11	27
2.50 to < 10.00	573	449	2%	355	3.61%	1,786	41.9%	2.5	387	109%	5	23
10.00 to < 100	781	418	3%	499	21.93%	5,279	41.5%	2.5	907	182%	45	37
100 (Default)	110	41		107	100.00%	368	42.7%	2.5			46	46
Total	8,940	4,434	8%	9,171	2.93%	19,946	42.1%	2.5	5,699	62%	113	142

Corporate - FIRB, Corporates (excluding SMEs and specialised lending)

0.00 to < 0.15	1,766	706	6%	2,117	0.10%	897	42.2%	2.5	781	37%	1	1
0.15 to < 0.25	513	265	10%	529	0.22%	515	42.5%	2.5	251	47%		1
0.25 to < 0.50	1,228	746	8%	1,222	0.45%	1,637	43.6%	2.5	854	70%	2	5
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	1,110	877	15%	1,117	1.07%	1,577	42.7%	2.5	1,080	97%	5	9
2.50 to < 10.00	372	358	2%	155	3.61%	759	42.0%	2.5	220	141%	2	17
10.00 to < 100	528	288	5%	256	24.28%	2,175	41.9%	2.5	574	224%	26	18
100 (Default)	57	21		55	100.00%	83	42.5%	2.5			23	21
Total	5,574	3,259	8%	5,452	2.64%	7,643	42.6%	2.5	3,759	69%	61	72

Corporate - FIRB, SMEs (excluding specialised lending)

0.00 to < 0.15	523	176	4%	767	0.12%	1,403	42.0%	2.5	205	27%	0	1
0.15 to < 0.25	518	137	7%	572	0.22%	905	40.0%	2.5	205	36%	1	1
0.25 to < 0.50	802	261	5%	825	0.45%	2,295	41.6%	2.5	365	44%	2	2
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	1,018	360	12%	1,062	1.24%	3,284	41.8%	2.5	663	62%	6	18
2.50 to < 10.00	201	91	3%	199	3.61%	1,027	41.9%	2.5	168	84%	3	5
10.00 to < 100	253	130	1%	243	19.44%	3,104	41.0%	2.5	333	137%	20	19
100 (Default)	53	20		52	100.00%	285	42.9%	2.5			22	25
Sub-total	3,366	1,175	6%	3,719	3.36%	12,303	41.5%	2.5	1,940	52%	53	71

Corporate - FIRB, Specialised Lending

0.00 to < 0.15												
0.15 to < 0.25												
0.25 to < 0.50												
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50												
2.50 to < 10.00												
10.00 to < 100												
100 (Default)												
Sub-total												

<sup>1</sup>For corporate exposure class the bucket 4 is empty, since no regulatory PD in the range 0.5% - 0.75%.

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors. '000	Average LGD	Average maturity	REA	REA density	EL	Value adj. and provision
Corporate - IRB, Total												
0.00 to < 0.15	34,064	24,331	49%	46,475	0.09%	12,091	28.9%	2.3	10,310	22%	13	20
0.15 to < 0.25	13,955	9,564	48%	18,469	0.22%	4,566	29.3%	2.5	7,717	42%	12	17
0.25 to < 0.50	35,528	18,665	46%	43,280	0.44%	12,882	27.9%	2.4	21,525	50%	53	82
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	23,826	9,826	46%	26,522	1.12%	13,291	27.6%	2.6	15,885	60%	83	214
2.50 to < 10.00	2,373	1,228	31%	2,320	3.61%	3,992	28.5%	2.4	1,744	75%	24	69
10.00 to < 100	3,177	1,206	35%	2,847	19.75%	14,359	29.4%	2.5	3,370	118%	168	172
100 (Default)	3,335	601	0%	2,990	100.00%	1,634	29.4%	2.4	2,481	83%	1,391	1,457
Total	116,257	65,421	47%	142,902	2.94%	62,815	28.4%	2.4	63,033	44%	1,744	2,031
Corporate - AIRB, Total												
0.00 to < 0.15	31,574	23,538	50%	43,102	0.09%	11,217	27.9%	2.3	9,159	21%	12	18
0.15 to < 0.25	12,743	9,162	50%	17,218	0.22%	4,086	28.4%	2.5	7,187	42%	11	14
0.25 to < 0.50	33,333	17,590	49%	41,161	0.44%	11,323	27.1%	2.4	20,258	49%	49	66
0.50 to < 0.75 <sup>1</sup>												0
0.75 to < 2.50	21,606	8,622	50%	24,267	1.12%	11,592	26.3%	2.6	14,062	58%	72	189
2.50 to < 10.00	1,784	795	48%	2,005	3.61%	3,039	26.4%	2.4	1,384	69%	19	52
10.00 to < 100	2,410	791	53%	2,362	19.33%	11,456	26.9%	2.5	2,495	106%	124	149
100 (Default)	3,222	547	0%	2,897	100.00%	1,526	29.0%	2.4	2,480	86%	1,351	1,424
Total	106,672	61,043	49%	133,012	2.97%	54,239	27.4%	2.4	57,027	43%	1,637	1,912
Corporate - AIRB, Corporates (excluding SMEs and specialised lending)												
0.00 to < 0.15	15,765	21,603	50%	25,364	0.11%	2,197	31.3%	2.2	6,533	26%	9	15
0.15 to < 0.25	8,238	8,382	49%	11,466	0.22%	1,596	30.1%	2.5	5,311	46%	8	11
0.25 to < 0.50	22,220	15,338	47%	27,696	0.44%	4,165	28.4%	2.3	15,121	55%	34	50
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	12,330	6,734	48%	13,292	1.11%	4,155	27.9%	2.6	8,965	67%	42	125
2.50 to < 10.00	700	605	45%	851	3.61%	1,169	29.2%	2.3	776	91%	9	28
10.00 to < 100	1,027	461	53%	1,033	20.76%	5,563	29.5%	2.5	1,439	139%	64	61
100 (Default)	1,923	362		1,799	100.00%	433	30.7%	2.3	1,223	68%	958	995
Sub-total	62,203	53,486	49%	81,500	2.90%	19,278	29.6%	2.4	39,368	48%	1,123	1,285
Corporate - AIRB, SMEs (excluding specialised lending)												
0.00 to < 0.15	15,790	1,889	53%	17,706	0.07%	9,018	22.9%	2.4	2,613	15%	3	3
0.15 to < 0.25	4,497	780	54%	5,743	0.22%	2,489	25.0%	2.7	1,872	33%	3	3
0.25 to < 0.50	11,046	2,243	53%	13,407	0.45%	7,156	24.4%	2.4	5,108	38%	15	16
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	9,276	1,887	54%	10,975	1.13%	7,437	24.3%	2.5	5,097	46%	30	63
2.50 to < 10.00	1,084	190	56%	1,154	3.61%	1,870	24.3%	2.5	608	53%	10	25
10.00 to < 100	1,383	330	54%	1,329	18.22%	5,893	24.9%	2.5	1,057	79%	60	87
100 (Default)	1,290	182	0%	1,089	100.00%	1,093	26.2%	2.5	1,246	114%	393	429
Sub-total	44,366	7,501	53%	51,404	3.08%	34,956	24.0%	2.5	17,600	34%	514	627
Corporate - AIRB, Specialised lending												
0.00 to < 0.15	19	45	27%	32	0.15%	2	36.3%	4.2	13	42%	0	
0.15 to < 0.25	9			9	0.22%	1	36.6%	2.4	4	42%	0	
0.25 to < 0.50	67	9	56%	59	0.47%	2	36.1%	1.6	29	50%	0	
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50												
2.50 to < 10.00												
10.00 to < 100												
100 (Default)	9	3		9	100.00%	1	28.0%	2.5	12	134%	0	
Sub-total	104	57	30%	108	8.29%	6	35.5%	2.5	58	54%	0	

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors. '000	Average LGD	2.5	REA	REA density	EL	Value adj. and provision
Corporate - FIRB, Total								2.5				
0.00 to < 0.15	2,490	793	7%	3,373	0.11%	2,335	42.0%	2.5	1,151	34%	2	2
0.15 to < 0.25	1,211	402	10%	1,251	0.22%	1,412	41.0%	2.5	530	42%	1	2
0.25 to < 0.50	2,194	1,074	10%	2,119	0.45%	3,985	42.5%	2.5	1,267	60%	4	16
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	2,220	1,205	13%	2,254	1.16%	4,901	42.2%	2.5	1,823	81%	11	26
2.50 to < 10.00	589	433	2%	315	3.61%	1,762	42.3%	2.5	360	115%	5	16
10.00 to < 100	767	415	4%	485	21.78%	5,317	41.5%	2.5	875	181%	44	24
100 (Default)	113	55		93	100.00%	383	43.3%	2.5			40	33
Total	9,585	4,377	9%	9,890	2.55%	20,095	42.1%	2.5	6,007	61%	107	119
Corporate - FIRB, Corporates (excluding SMEs and specialised lending)												
0.00 to < 0.15	1,926	604	7%	2,373	0.10%	933	41.9%	2.5	848	36%	1	2
0.15 to < 0.25	580	278	11%	565	0.22%	523	43.2%	2.5	272	48%	1	1
0.25 to < 0.50	1,376	814	9%	1,254	0.44%	1,638	43.4%	2.5	862	69%	2	14
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	1,115	860	14%	1,104	1.09%	1,567	42.7%	2.5	1,069	97%	5	9
2.50 to < 10.00	421	355	2%	148	3.61%	774	42.9%	2.5	214	145%	2	11
10.00 to < 100	505	289	6%	232	24.97%	2,143	42.1%	2.5	531	229%	24	8
100 (Default)	60	34	0%	41	100.00%	95	43.9%	2.5			18	17
Sub-total	5,983	3,235	9%	5,717	2.20%	7,673	42.6%	2.5	3,797	66%	54	62
Corporate - FIRB, SMEs (excluding specialised lending)												
0.00 to < 0.15	564	189	5%	1,000	0.13%	1,402	42.3%	2.5	303	30%	1	1
0.15 to < 0.25	631	123	7%	686	0.22%	889	39.2%	2.5	258	38%	1	1
0.25 to < 0.50	818	261	13%	865	0.45%	2,347	41.3%	2.5	404	47%	2	2
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50	1,105	345	13%	1,150	1.23%	3,334	41.8%	2.5	754	66%	6	16
2.50 to < 10.00	168	78	3%	167	3.61%	988	41.7%	2.5	146	88%	3	5
10.00 to < 100	261	126	2%	253	18.86%	3,174	40.9%	2.5	344	136%	20	15
100 (Default)	53	20		52	100.00%	288	42.9%	2.5			22	16
Sub-total	3,602	1,142	9%	4,173	3.03%	12,422	41.3%	2.5	2,209	53%	53	57
Corporate - FIRB, Specialised Lending												
0.00 to < 0.15												
0.15 to < 0.25												
0.25 to < 0.50												
0.50 to < 0.75 <sup>1</sup>												
0.75 to < 2.50												
2.50 to < 10.00												
10.00 to < 100												
100 (Default)												
Sub-total												

Table 8 EU CR6 IRB Retail: Credit risk exposures by PD scale

Q3 2020, EURm

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors, '000	Average LGD	Average maturity	REA	REA density	Value adj. EL	and provision
<b>Retail - RIRB, total</b>												
0.00 to < 0.15	90,812	17,084	69%	102,469	0.09%	1,264,564	15.5%	2.5	7,952	8%	14	6
0.15 to < 0.25	28,471	5,437	52%	31,019	0.19%	601,287	17.7%	2.5	3,116	10%	10	7
0.25 to < 0.50	21,152	3,326	55%	22,597	0.35%	483,140	18.5%	2.5	2,986	13%	15	14
0.50 to < 0.75	5,977	866	53%	6,189	0.60%	173,648	19.2%	2.5	1,081	17%	7	14
0.75 to < 2.50	12,296	2,576	64%	13,304	1.29%	455,102	20.0%	2.5	3,546	27%	35	97
2.50 to < 10.00	4,999	693	51%	5,146	4.64%	220,156	23.4%	2.5	2,191	43%	56	113
10.00 to < 100	2,015	502	25%	2,041	23.33%	80,033	22.8%	2.5	1,517	74%	107	95
100 (Default)	1,847	143	52%	1,896	100.00%	104,117	22.2%	2.5	4,509	238%	97	401
<b>Total</b>	<b>167,570</b>	<b>30,626</b>	<b>62%</b>	<b>184,660</b>	<b>1.65%</b>	<b>3,382,047</b>	<b>17.0%</b>	<b>2.5</b>	<b>26,899</b>	<b>15%</b>	<b>341</b>	<b>747</b>
<i>Retail - RIRB, Non-SME (excluding exposures secured by immovable property)</i>												
0.00 to < 0.15	4,987	7,806	56%	9,271	0.09%	1,085,746	30.5%	2.5	689	7%	3	3
0.15 to < 0.25	3,444	4,010	48%	5,100	0.19%	567,396	28.9%	2.5	601	12%	3	5
0.25 to < 0.50	3,772	2,518	52%	4,693	0.36%	461,801	29.2%	2.5	856	18%	5	10
0.50 to < 0.75	1,462	612	47%	1,501	0.60%	161,424	29.7%	2.5	374	25%	3	12
0.75 to < 2.50	3,182	1,712	61%	3,661	1.34%	407,125	30.4%	2.5	1,303	36%	15	76
2.50 to < 10.00	3,499	551	42%	3,562	4.49%	193,098	25.6%	2.5	1,408	40%	41	99
10.00 to < 100	1,146	375	24%	1,146	21.55%	71,396	26.7%	2.5	731	64%	66	82
100 (Default)	654	97	51%	682	100.00%	94,059	31.4%	2.5	2,217	325%	74	303
<b>Sub-total</b>	<b>22,144</b>	<b>17,680</b>	<b>53%</b>	<b>29,615</b>	<b>3.99%</b>	<b>3,042,045</b>	<b>29.3%</b>	<b>2.5</b>	<b>8,178</b>	<b>28%</b>	<b>209</b>	<b>590</b>
<i>Retail - RIRB, SME (excluding exposures secured by immovable property)</i>												
0.00 to < 0.15	1	2	65%	3	0.09%	1,758	32.1%	2.5		6%		
0.15 to < 0.25	14	10	66%	21	0.21%	3,830	34.3%	2.5	3	13%		
0.25 to < 0.50	21	73	65%	68	0.39%	4,343	29.3%	2.5	12	18%		
0.50 to < 0.75	43	69	81%	97	0.60%	6,004	28.3%	2.5	20	21%		
0.75 to < 2.50	520	304	75%	675	1.51%	33,648	28.2%	2.5	200	30%	3	6
2.50 to < 10.00	316	97	82%	360	5.01%	24,796	28.4%	2.5	138	38%	5	10
10.00 to < 100	144	109	18%	154	23.36%	7,306	30.0%	2.5	104	68%	11	5
100 (Default)	97	40	52%	113	100.00%	7,512	30.4%	2.5	381	336%	12	53
<b>Sub-total</b>	<b>1,157</b>	<b>705</b>	<b>65%</b>	<b>1,491</b>	<b>11.97%</b>	<b>89,197</b>	<b>28.7%</b>	<b>2.5</b>	<b>858</b>	<b>58%</b>	<b>31</b>	<b>75</b>
<i>Retail - RIRB, SME exposures secured by immovable property</i>												
0.00 to < 0.15	7	12	40%	11	0.09%	905	16.3%	2.5		3%		
0.15 to < 0.25	329	22	41%	338	0.20%	5,837	17.1%	2.5	19	6%		
0.25 to < 0.50	149	24	52%	161	0.35%	2,645	16.7%	2.5	13	8%		
0.50 to < 0.75	88	16	50%	96	0.60%	1,473	16.7%	2.5	13	13%		
0.75 to < 2.50	394	77	46%	430	1.32%	7,882	17.4%	2.5	97	23%	1	1
2.50 to < 10.00	52	8	47%	55	3.99%	1,085	16.5%	2.5	23	41%		
10.00 to < 100	20	1	53%	21	25.77%	319	16.0%	2.5	17	81%	1	
100 (Default)	21	3	65%	23	100.00%	594	17.6%	2.5	48	211%		3
<b>Sub-total</b>	<b>1,059</b>	<b>163</b>	<b>47%</b>	<b>1,135</b>	<b>3.33%</b>	<b>20,740</b>	<b>17.1%</b>	<b>2.5</b>	<b>230</b>	<b>20%</b>	<b>3</b>	<b>6</b>
<i>Retail - RIRB, Non-SME exposures secured by immovable property</i>												
0.00 to < 0.15	85,818	9,263	80%	93,184	0.09%	626,313	14.0%	2.5	7,263	8%	12	3
0.15 to < 0.25	24,685	1,394	63%	25,560	0.18%	186,370	15.5%	2.5	2,494	10%	7	2
0.25 to < 0.50	17,210	711	65%	17,675	0.35%	121,492	15.6%	2.5	2,104	12%	10	3
0.50 to < 0.75	4,385	169	66%	4,496	0.60%	34,453	15.5%	2.5	674	15%	4	2
0.75 to < 2.50	8,201	483	70%	8,538	1.25%	61,636	15.1%	2.5	1,947	23%	16	13
2.50 to < 10.00	1,132	37	1	1,168	5.04%	7,755	15.4%	2.5	622	53%	9	3
10.00 to < 100	704	17	1	721	26.08%	6,588	15.3%	2.5	665	92%	29	8
100 (Default)	1,076	3	67%	1,078	100.00%	10,515	15.6%	2.5	1,863	173%	11	42
<b>Sub-total</b>	<b>143,210</b>	<b>12,078</b>	<b>76%</b>	<b>152,419</b>	<b>1.08%</b>	<b>1,055,122</b>	<b>14.5%</b>	<b>2.5</b>	<b>17,633</b>	<b>12%</b>	<b>98</b>	<b>77</b>



PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors. '000	Average LGD	Average maturity	REA	REA density	EL	Value adj. and provision
<b>Retail - RIRB, total</b>												
0.00 to < 0.15	89,758	15,574	68%	100,322	0.09%	1,223,741	15.5%	2.5	7,736	8%	14	6
0.15 to < 0.25	27,614	5,125	53%	30,084	0.19%	607,776	17.7%	2.5	2,951	10%	10	10
0.25 to < 0.50	20,315	3,099	56%	21,690	0.35%	477,956	18.4%	2.5	2,829	13%	14	15
0.50 to < 0.75	6,134	849	54%	6,363	0.60%	173,065	19.1%	2.5	1,107	17%	7	14
0.75 to < 2.50	12,833	2,569	63%	13,834	1.31%	458,508	19.9%	2.5	3,717	27%	37	88
2.50 to < 10.00	5,446	706	52%	5,606	4.66%	223,314	23.4%	2.5	2,372	42%	61	126
10.00 to < 100	2,265	496	25%	2,292	23.28%	85,712	22.8%	2.5	1,666	73%	120	119
100 (Default)	1,888	144	52%	1,928	100.00%	103,314	22.1%	2.5	4,525	235%	103	411
<b>Total</b>	<b>166,253</b>	<b>28,561</b>	<b>62%</b>	<b>182,119</b>	<b>1.74%</b>	<b>3,353,386</b>	<b>17.1%</b>	<b>2.5</b>	<b>26,905</b>	<b>15%</b>	<b>365</b>	<b>788</b>

*Retail - RIRB, Non-SME (excluding exposures secured by immovable property)*

0.00 to < 0.15	5,076	7,369	56%	9,150	0.09%	1,048,068	30.4%	2.5	675	7%	3	3
0.15 to < 0.25	3,540	3,845	49%	5,192	0.19%	574,499	28.5%	2.5	601	12%	3	7
0.25 to < 0.50	3,734	2,374	53%	4,627	0.36%	458,274	28.9%	2.5	836	18%	5	12
0.50 to < 0.75	1,490	605	48%	1,553	0.60%	161,406	29.3%	2.5	383	25%	3	11
0.75 to < 2.50	3,289	1,692	60%	3,756	1.35%	410,993	30.1%	2.5	1,331	35%	15	64
2.50 to < 10.00	3,880	548	43%	3,949	4.53%	195,401	25.5%	2.5	1,557	39%	46	108
10.00 to < 100	1,351	366	23%	1,351	21.38%	76,566	26.3%	2.5	846	63%	77	101
100 (Default)	665	98	51%	691	100.00%	93,311	31.3%	2.5	2,212	320%	79	320
<b>Sub-total</b>	<b>23,024</b>	<b>16,897</b>	<b>53%</b>	<b>30,268</b>	<b>4.14%</b>	<b>3,018,518</b>	<b>28.9%</b>	<b>2.5</b>	<b>8,441</b>	<b>28%</b>	<b>229</b>	<b>625</b>

*Retail - RIRB, SME (excluding exposures secured by immovable property)*

0.00 to < 0.15	2	4	74%	4	0.09%	1,718	32.8%	2.5		7%		
0.15 to < 0.25	13	11	64%	20	0.20%	3,606	34.5%	2.5	3	13%		
0.25 to < 0.50	18	60	66%	57	0.39%	3,090	29.4%	2.5	10	18%		
0.50 to < 0.75	39	67	81%	91	0.60%	5,026	27.8%	2.5	19	21%		
0.75 to < 2.50	498	321	75%	669	1.51%	32,469	27.9%	2.5	197	30%	3	8
2.50 to < 10.00	323	110	81%	372	5.00%	25,422	28.3%	2.5	142	38%	5	15
10.00 to < 100	159	109	19%	167	24.55%	7,822	29.6%	2.5	113	67%	12	7
100 (Default)	99	40	53%	110	100.00%	7,406	29.7%	2.5	355	323%	13	48
<b>Sub-total</b>	<b>1,150</b>	<b>722</b>	<b>66%</b>	<b>1,490</b>	<b>12.12%</b>	<b>86,559</b>	<b>28.5%</b>	<b>2.5</b>	<b>839</b>	<b>56%</b>	<b>33</b>	<b>78</b>

*Retail - RIRB, SME exposures secured by immovable property*

0.00 to < 0.15	6	12	40%	11	0.09%	904	16.8%	2.5		3%		
0.15 to < 0.25	343	21	41%	351	0.20%	6,093	17.1%	2.5	20	6%		
0.25 to < 0.50	123	21	52%	134	0.35%	2,240	16.6%	2.5	11	8%		
0.50 to < 0.75	85	15	54%	93	0.60%	1,416	16.7%	2.5	12	13%		
0.75 to < 2.50	394	77	46%	429	1.32%	7,934	17.4%	2.5	97	23%	1	2
2.50 to < 10.00	55	7	52%	59	4.01%	1,099	16.6%	2.5	25	42%		
10.00 to < 100	19	1	54%	19	25.94%	333	16.0%	2.5	16	82%	1	
100 (Default)	22	3	65%	24	100.00%	600	17.5%	2.5	51	212%		3
<b>Sub-total</b>	<b>1,046</b>	<b>158</b>	<b>47%</b>	<b>1,121</b>	<b>3.45%</b>	<b>20,619</b>	<b>17.1%</b>	<b>2.5</b>	<b>231</b>	<b>21%</b>	<b>3</b>	<b>5</b>

*Retail - RIRB, Non-SME exposures secured by immovable property*

0.00 to < 0.15	84,674	8,189	79%	91,157	0.09%	618,351	14.0%	2.5	7,060	8%	11	3
0.15 to < 0.25	23,719	1,248	64%	24,521	0.18%	181,509	15.4%	2.5	2,328	9%	7	3
0.25 to < 0.50	16,440	644	67%	16,871	0.35%	118,721	15.5%	2.5	1,972	12%	9	3
0.50 to < 0.75	4,521	162	66%	4,627	0.60%	35,787	15.5%	2.5	694	15%	4	2
0.75 to < 2.50	8,653	478	68%	8,980	1.28%	65,099	15.2%	2.5	2,092	23%	17	14
2.50 to < 10.00	1,187	41	95%	1,226	5.03%	<b>8,317</b>	15.3%	2.5	648	53%	10	3
10.00 to < 100	736	19	94%	754	26.34%	6,784	15.2%	2.5	692	92%	30	10
100 (Default)	1,101	4	56%	1,104	100.00%	10,705	15.7%	2.5	1,908	173%	11	40
<b>Sub-total</b>	<b>141,032</b>	<b>10,784</b>	<b>76%</b>	<b>149,240</b>	<b>1.13%</b>	<b>1,045,273</b>	<b>14.6%</b>	<b>2.5</b>	<b>17,394</b>	<b>12%</b>	<b>100</b>	<b>79</b>

Table 9 EU CCR4: Counterparty credit risk exposures by portfolio 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.

EAD and REA decreased in Q3 2020, mainly driven by decreased derivative exposures across all exposure classes. Average PD decreased with the decrease in defaulted EAD accounting for most of the change. Average LGD and Maturity remained constant, and REA density decreased slightly.

	a	b	c	d	e	f	g
PD scale	EAD post CRM and post-CCF	Average PD	Number of obligors	Average LGD	Average maturity	REA	REA density
<b>Total IRB</b>							
0.00 to < 0.15	7,901	0.07%	1,512	45.0%	2.0	2,364	30%
0.15 to < 0.25	1,088	0.21%	704	45.0%	2.3	655	60%
0.25 to < 0.50	2,279	0.43%	1,522	44.9%	2.4	1,909	84%
0.50 to < 0.75	89	0.66%	57	44.8%	2.5	94	105%
0.75 to < 2.50	1,042	1.07%	1,603	44.8%	2.4	946	91%
2.50 to < 10.00	151	3.65%	334	44.8%	2.5	200	132%
10.00 to < 100	50	19.14%	404	44.0%	2.2	83	164%
100 (Default)	41	100.00%	128	44.5%	2.5	17	42%
<b>Total IRB</b>	<b>12,642</b>	<b>0.68%</b>	<b>6,264</b>	<b>45.0%</b>	<b>2.1</b>	<b>6,268</b>	<b>50%</b>

#### Sovereigns FIRB

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)

#### Sovereigns FIRB

#### Institutions FIRB

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	3,714	0.08%	140	45.0%	2.0	1,110	30%
0.15 to < 0.25	152	0.17%	40	45.0%	2.2	74	49%
0.25 to < 0.50	143	0.38%	56	45.0%	2.4	102	71%
0.50 to < 0.75	87	0.66%	14	45.0%	2.5	93	107%
0.75 to < 2.50	5	1.14%	3	45.0%	2.5	5	102%
2.50 to < 10.00	1	8.46%	1	45.0%	2.5	2	192%
10.00 to < 100	2	0.03%		45.0%	2.5	0	17%
100 (Default)							
<b>Institutions FIRB</b>	<b>4,103</b>	<b>0.11%</b>	<b>254</b>	<b>45.0%</b>	<b>2.0</b>	<b>1,386</b>	<b>34%</b>

#### Retail RIRB

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	6	0.08%	39	34.4%	2.5	0	8%
0.15 to < 0.25	4	0.17%	93	35.4%	2.5	1	13%
0.25 to < 0.50	16	0.41%	85	34.7%	2.5	4	23%
0.50 to < 0.75	2	0.60%	43	35.3%	2.5	1	28%
0.75 to < 2.50	18	1.24%	285	36.0%	2.5	7	39%
2.50 to < 10.00	4	3.85%	131	37.2%	2.5	2	50%
10.00 to < 100	6	24.05%	137	36.8%	1.9	6	89%
100 (Default)	2	100.00%	24	34.4%	2.5	9	429%
<b>Retail RIRB</b>	<b>58</b>	<b>6.83%</b>	<b>837</b>	<b>35.5%</b>	<b>2.4</b>	<b>28</b>	<b>49%</b>

#### Corporate FIRB, Total

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	4,181	0.07%	1,333	45.0%	2.0	1,254	30%
0.15 to < 0.25	932	0.22%	571	45.0%	2.3	580	62%
0.25 to < 0.50	2,120	0.43%	1,381	45.0%	2.4	1,804	85%
0.50 to < 0.75							
0.75 to < 2.50	1,020	1.07%	1,315	45.0%	2.4	934	92%
2.50 to < 10.00	147	3.61%	202	45.0%	2.5	197	134%
10.00 to < 100	42	19.16%	267	45.0%	2.2	77	181%
100 (Default)	39	100.00%	104	45.0%	2.5	9	22%
<b>Corporate FIRB, Total</b>	<b>8,480</b>	<b>0.91%</b>	<b>5,173</b>	<b>45.0%</b>	<b>2.2</b>	<b>4,855</b>	<b>57%</b>

#### Corporate FIRB, Corporate exposures excluding SMEs and specialised lending

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	3,582	0.07%	751	45.0%	1.9	1,028	29%
0.15 to < 0.25	818	0.22%	272	45.0%	2.3	515	63%
0.25 to < 0.50	1,724	0.43%	641	45.0%	2.4	1,527	89%
0.50 to < 0.75							
0.75 to < 2.50	658	1.07%	467	45.0%	2.3	651	99%
2.50 to < 10.00	122	3.61%	60	45.0%	2.5	175	143%
10.00 to < 100	21	24.81%	50	45.0%	1.9	49	236%
100 (Default)	14	100.00%	18	45.0%	2.5	6	42%
<b>Sub-total</b>	<b>6,939</b>	<b>0.61%</b>	<b>2,259</b>	<b>45.0%</b>	<b>2.1</b>	<b>3,952</b>	<b>57%</b>

#### Corporate FIRB, SME exposures excluding specialised lending

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	599	0.08%	582	45.0%	2.5	226	38%
0.15 to < 0.25	114	0.22%	299	45.0%	2.5	65	57%
0.25 to < 0.50	395	0.45%	740	45.0%	2.5	276	70%
0.50 to < 0.75							
0.75 to < 2.50	361	1.07%	848	45.0%	2.5	282	78%
2.50 to < 10.00	24	3.61%	142	45.0%	2.5	21	88%
10.00 to < 100	22	13.81%	217	45.0%	2.5	28	129%
100 (Default)	25	100.00%	86	45.0%	2.5	3	11%
<b>Sub-total</b>	<b>1,542</b>	<b>2.30%</b>	<b>2,914</b>	<b>45.0%</b>	<b>2.5</b>	<b>902</b>	<b>59%</b>

#### Corporate FIRB, Specialised lending exposures

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)							
<b>Sub-total</b>							

## Total 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	7,898	0.07%	1,574	45.0%	2.0	2,338	30%
0.15 to < 0.25	1,451	0.22%	718	45.0%	2.2	829	57%
0.25 to < 0.50	2,320	0.43%	1,526	44.9%	2.5	1,953	84%
0.50 to < 0.75	70	0.66%	53	43.9%	2.4	67	96%
0.75 to < 2.50	1,215	1.10%	1,658	44.9%	2.3	1,141	94%
2.50 to < 10.00	189	3.67%	361	44.8%	2.5	256	135%
10.00 to < 100	65	18.64%	453	44.2%	2.5	104	160%
100 (Default)	48	100.00%	136	44.6%	2.5	18	37%
Total IRB	13,256	0.75%	6,479	45.0%	2.1	6,706	51%

## Sovereigns FIRB

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)							

## Sovereigns FIRB

## Institutions FIRB

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	3,685	0.07%	146	45.0%	2.0	1,046	28%
0.15 to < 0.25	145	0.17%	39	45.0%	2.3	71	49%
0.25 to < 0.50	216	0.38%	57	45.0%	2.5	154	71%
0.50 to < 0.75	63	0.66%	18	45.0%	2.4	65	103%
0.75 to < 2.50	4	1.22%	4	45.0%	2.5	5	106%
2.50 to < 10.00	2	8.46%	1	45.0%	2.5	4	192%
10.00 to < 100	8	21.30%	2	45.0%	2.5	17	209%
100 (Default)							
Institutions - FIRB	4,123	0.14%	267	45.0%	2.0	1,361	33%

## Retail RIRB

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	6	0.08%	40	34.3%	2.5	0	8%
0.15 to < 0.25	5	0.19%	104	35.7%	2.5	1	14%
0.25 to < 0.50	21	0.38%	80	34.5%	2.5	5	22%
0.50 to < 0.75	7	0.60%	35	34.6%	2.1	2	29%
0.75 to < 2.50	9	1.28%	294	37.1%	2.5	3	39%
2.50 to < 10.00	4	3.76%	142	37.3%	2.5	2	49%
10.00 to < 100	7	24.32%	164	37.5%	2.3	6	90%
100 (Default)	2	100.00%	25	34.4%	2.5	9	430%
Retail - RIRB	62	6.70%	884	35.5%	2.4	29	46%

Corporate FIRB, Total

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	4,207	0.07%	1,388	45.0%	2.0	1,292	31%
0.15 to < 0.25	1,300	0.22%	575	45.0%	2.1	757	58%
0.25 to < 0.50	2,083	0.44%	1,389	45.0%	2.5	1,795	86%
0.50 to < 0.75							
0.75 to < 2.50	1,202	1.10%	1,360	45.0%	2.3	1,133	94%
2.50 to < 10.00	182	3.61%	218	45.0%	2.5	250	137%
10.00 to < 100	50	17.40%	287	45.0%	2.5	81	162%
100 (Default)	46	100.00%	111	45.0%	2.5	9	20%
Corporate FIRB, Total	9,071	0.99%	5,328	45.0%	2.2	5,316	59%

Corporate FIRB, Corporate exposures excluding SMEs and specialised lending

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	3,583	0.07%	783	45%	1.9	1,056	29%
0.15 to < 0.25	1,104	0.22%	268	45%	2.1	642	58%
0.25 to < 0.50	1,690	0.43%	622	45%	2.5	1,515	90%
0.50 to < 0.75							
0.75 to < 2.50	813	1.10%	473	45%	2.2	800	98%
2.50 to < 10.00	159	3.61%	62	45%	2.5	228	143%
10.00 to < 100	18	17.98%	49	45%	2.5	40	223%
100 (Default)	16	100.00%	19	45%	2.5	2	13%
Sub-total	7,383	0.63%	2,276	45%	2.1	4,283	58%

Corporate FIRB, SME exposures excluding specialised lending

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	624	0.09%	605	45.0%	2.4	236	38%
0.15 to < 0.25	196	0.22%	307	45.0%	2.5	115	58%
0.25 to < 0.50	393	0.45%	767	45.0%	2.5	279	71%
0.50 to < 0.75							
0.75 to < 2.50	389	1.09%	887	45.0%	2.5	333	86%
2.50 to < 10.00	24	3.61%	156	45.0%	2.5	22	93%
10.00 to < 100	32	17.07%	238	45.0%	2.5	41	128%
100 (Default)	30	100.00%	92	45.0%	2.5	7	23%
Sub-total	1,687	2.55%	3,052	45.0%	2.5	1,033	61%

Corporate FIRB, Specialised lending exposures

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)							
Sub-total							

Table 10 LIQ 1: LCR Disclosures

EURm	Total unweighted value (average)				Total weighted value (average)			
	Q3 20	Q2 20	Q1 20	Q4 19	Q3 20	Q2 20	Q1 20	Q4 19
Number of data points used in the calculation of averages	12	12	12	12	12	12	12	12
<b>High-quality liquid assets</b>								
1 Total high-quality liquid assets (HQLA)					102,698	101,459	98,141	98,803
<b>Cash-outflows</b>								
2 Retail deposits & deposits from small business customers	94,219	92,095	90,482	89,627	6,216	6,079	5,981	5,927
3 - Of which stable deposits	74,367	72,763	71,508	70,841	3,718	3,638	3,575	3,542
4 - Of which less stable deposits	19,839	19,316	18,953	18,771	2,485	2,425	2,385	2,371
5 Unsecured wholesale funding	101,871	98,200	93,707	94,775	48,876	48,066	45,407	44,826
- Of which Operational deposits (all counterparties) and deposits in networks of cooperative banks	27,829	26,326	27,785	32,753	6,673	6,399	6,710	7,795
- Of which Non-operational deposits (all counterparties)	62,856	60,698	55,066	50,146	31,018	30,491	27,841	25,155
8 - Of which unsecured debt	11,185	11,176	10,856	11,875	11,185	11,176	10,856	11,875
9 Secured wholesale funding					4,301	4,563	4,485	4,572
10 Additional requirements	69,350	64,469	59,715	53,308	12,184	11,917	11,313	10,770
- Of which outflows related to derivative exposures and other collateral requirements	7,460	7,469	7,115	6,933	6,229	6,358	6,205	6,253
11 - Of which Outflows related to loss Of funding on debt products	9	6	8	5	9	6	8	5
13 - Of which credit and liquidity facilities	61,880	56,995	52,592	46,370	5,946	5,553	5,099	4,511
14 Other contractual funding obligations	1,626	1,712	1,904	1,794	1,082	1,197	1,417	1,336
15 Other contingent funding obligations	41,400	43,917	47,044	50,997	2,691	2,863	3,037	3,194
16 Total cash outflows					75,350	74,685	71,639	70,626
<b>Cash inflows</b>								
17 Secured lending (e.g. reverse repos)	34,758	37,047	38,394	38,318	4,562	4,731	4,194	4,029
18 Inflows from fully performing exposures	11,139	11,628	11,516	11,736	5,274	5,576	5,847	5,998
19 Other cash inflows	8,447	8,890	9,226	9,063	5,919	6,216	6,438	6,145
(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-19e (Excess inflows from a related specialised credit institution)					-	-	-	-
20 Total cash inflows	54,345	57,565	59,135	59,117	15,756	16,523	16,479	16,173
EU-20e Fully exempt inflows	-	-	-	-	-	-	-	-
EU-20f Inflows Subject to 90% Cap	-	-	-	-	-	-	-	-
EU-20g Inflows subject to 75% cap	54,342	57,562	59,135	59,117	15,756	16,523	16,479	16,173
21 Liquidity buffer					102,698	101,459	98,141	98,803
22 Total net cash outflows					59,593	58,160	55,155	54,447
23 Liquidity coverage ratio (%)					173%	175%	178%	182%

Table 11 Encumbered and unencumbered assets

	Carrying amount of encumbered assets		Fair value of encumbered assets		Carrying amount of unencumbered assets		Fair value of unencumbered	
	EHQLA and HQLA		EHQLA and HQLA		of which EHQLA and HQLA		which EHQLA and	
Assets of the reporting institution	191,965	57,228			348,793	82,718		
Equity instruments	1,461	0			4,035	0		
Debt securities	33,439	24,601	33,439	24,601	37,717	29,847	33,355	26,396
of which: covered bonds	16,735	14,078	16,735	14,078	23,817	23,665	23,817	23,665
of which: asset-backed securities	0	0	0	0	0	0	0	0
of which: issued by general governments	13,140	9,231	13,140	9,231	7,524	7,043	7,524	7,043
of which: issued by financial corporations	20,081	15,323	20,081	15,323	24,040	19,571	24,040	19,571
	774	171	774	171	854	108	854	108
of which: issued by non-financial corporations								
Other assets	152,666	32,628			302,557	50,063		

## Collateral received

	Encumbered Fair value of encumbered collateral received or of which notionally eligible EHQLA and		Unencumbered Fair value of encumbered collateral received or own debt of which notionally eligible EHQLA and HQLA	
Collateral received by the reporting institution	7,621	6,306	56,658	47,587
Loans on demand	0	0	0	0
Equity instruments	0	0	2,257	0
Debt securities	7,621	6,306	23,047	17,481
of which: covered bonds	2,637	2,421	11,823	8,784
of which: asset-backed securities	0	0	0	0
of which: issued by general governments	5,187	4,182	10,044	8,608
of which: issued by financial corporations	2,810	2,419	11,892	8,794
	64	1	1,082	78
of which: issued by non-financial corporations	0	0	25,649	25,649
Loans and advances other than loans on demand				
Other collateral received	0	0	5,812	5,812
Own debt securities issued other than own covered bonds or asset-backed securities	-	-	15	-
Own covered bonds and asset-backed securities issued and not yet pledged			4,484	4,484
Total assets, collateral received and own debt securities issued	199,586	63,534		

## Sources of encumbrance

	Matching liabilities, contingent liabilities or securities lent	Assets, collateral received and own debt securities issued other than covered bonds and ABSs encumbrance
Carrying amount of selected financial liabilities	181,550	197,100
of which: covered bonds issued	110,681	113,749

The main source of encumbrance for Nordea is covered bond issuance programs where the required overcollateralization levels are defined according to the relevant statutory regimes. Other contributors to encumbrance are derivatives and repos where the activity is concentrated to Finland. Historically, the evolution of asset encumbrance for Nordea has been stable over time which illustrates the fact that the asset encumbrance for Nordea is a reflection of a structural phenomenon of the Scandinavian financial markets and savings behavior. Major part of the unencumbered assets are loans and the rest are equity instruments, debt securities and other assets.



Nordea Bank Abp with Finnish corporate registration number 2858394-9 provides these public disclosures according to Part Eight of Regulation (EU) No 575/2013, commonly referred to as the Capital Requirements Regulation (CRR), on the basis of its consolidated situation (hereinafter referred to as simply "Nordea"). Nordea Bank Abp and its subsidiaries have adopted a formal policy to assure compliance with the disclosure requirements and has established policies for assessing the appropriateness of these disclosures, including the verification and frequency. Nordea is part of the Sampo conglomerate in accordance to the Act on the Supervision of Financial and Insurance Conglomerates (2004/699), based on Directive 2002/87/EC.