

Nordea



Capital and Risk Management Report First Quarter 2021

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 Pillar I REA in Q1 2021 where the credit risk accounted for the largest risk type with approximately 72.2 % of REA. Operational risk accounted for the second largest risk area. REA decreased by EUR 1.4 bn in the first quarter of 2021, mainly stemming from market risk (EUR -1.9bn), P1 risk-weight floors (EUR -0.7bn) and CCR (EUR -0.6bn), partly offset by increased credit risk (EUR +2.2bn). The decrease in market risk REA was driven by decreased FX risk in the banking book due to the implementation of the regulatory approval to waive structural FX hedges. The decrease in REA for the P1 risk-weight floor was mainly driven by the removal of the Finnish P1 risk-weight floor. The decrease in CCR REA was driven by decreased fair value of derivatives due to interest rate movements. The increase in credit risk REA was mainly driven by unfavourable credit quality effects in the corporate portfolio in the advanced IRB approach and other non-credit obligation assets in the foundation IRB approach.

EURm	REA		Minimum capital requirement	
	2021 Q1	2020 Q4	2021 Q1	2020 Q4
1 Credit risk (excluding counterparty credit risk) (CCR)	111,153	108,933	8,892	8,715
2 Of which standardised approach (SA)	10,747	10,519	860	842
3 Of which foundation IRB (FIRB) approach	14,341	13,511	1,147	1,081
4 Of which advanced IRB approach	86,065	84,903	6,885	6,792
Of which AIRB	58,474	57,670	4,678	4,614
Of which Retail RIRB	27,591	27,234	2,207	2,179
5 Of which Equity IRB under the simple risk-weight or the IMA				
6 Counterparty credit risk	5,635	6,256	451	500
7 Of which Marked to market	806	517	64	41
8 Of which Original exposure				
9 Of which standardised approach				
10 Of which internal model method (IMM)	3,673	4,905	294	392
Of which Financial collateral simple method (for SFTs)				
Of which Financial collateral comprehensive method (for SFTs)	460	186	37	15
11 Of which exposure amount for contributions to the default fund of a CCP				
12 Of which CVA	696	648	56	52
13 Settlement risk	1	265	0	21
14 Securitisation exposures in banking book (after the cap)	882	880	71	70
15 Of which IRB supervisory formula approach (SFA)	882	880	71	70
16 Market risk	4,720	6,616	378	529
17 Of which standardised approach (SA)	676	2,945	54	236
18 Of which IMA	4,044	3,671	324	294
19 Large exposures				
20 Operational risk	14,306	14,701	1,144	1,176
21 Of which Standardised Approach	14,306	14,701	1,144	1,176
22 Amounts below the thresholds for deduction (subject to 250% risk weight)	5,347	5,058	428	405
23 Additional risk exposure amount related to Finnish RW floor due to Article 458 CRR		630		50
24 Additional risk exposure amount related to Swedish RW floor due to Article 458 CRR	11,994	12,102	960	968
25 Article 3 CRR Buffer				
27 Pillar 1 total	154,037	155,440	12,323	12,435

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

During the first quarter the IRB REA increased by EUR 2.0bn, mainly driven by an increase in other assets under other IRB exposures and unfavourable asset quality development. FX effects stemming from the appreciation of core currencies further increased REA. This was partly offset by decreased asset size.

EURm	REA	Capital requirement
1 REA 2020Q4	98,414	7,873
2 Asset size	-709	-57
3 Asset quality	844	68
4 Model updates		
5 Methodology and policy		
6 Acquisitions and disposals		
7 Foreign exchange movements	833	67
8 Other	1,024	82
9 REA 2021Q1	100,406	8,032

EURm	REA	Capital requirement
1 REA 2020Q3	95,380	7,630
2 Asset size	-1,129	-90
3 Asset quality	-586	-47
4 Model updates		
5 Methodology and policy ¹	870	70
6 Acquisitions and disposals	1,491	119
7 Foreign exchange movements	1,424	114
8 Other	963	77
9 REA 2020Q4	98,414	7,873

¹ Changes in EU regulation no. 2020/2176 allowed part of IT Software to be risk-weighted instead of deducted from the CET1 capital.

Table 3 EU CCR7: REA flow statements of CCR exposures under the IMM

Higher Nordic interest rates, strenghtening NOK and portfolio changes were the main drivers in the decrease in IMM exposures despite a deterioration in counterparties credit quality.

EURm	REA amounts	Capital requirements
REA 2020 Q4	4,891	391
Asset size	-314	-25
Credit quality of counterparties	213	17
Model updates (IMM only)	0	0
Methodology and policy (IMM only)		0
Acquisitions and disposals	0	0
Foreign exchange movements	-207	-17
Interest rate movements	-886	-71
Other	-24	-2
REA 2021 Q1	3,673	294

EURm	REA amounts	Capital requirements
REA 2020 Q3	5,449	436
Asset size	-1	0
Credit quality of counterparties	-19	-2
Model updates (IMM only)	-20	-2
Methodology and policy (IMM only)		0
Acquisitions and disposals	0	0
Foreign exchange movements	-402	-32
Interest rate movements	-102	-8
Other	-13	-1
REA 2020 Q4	4,891	391

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

By the end of Q1, REA relating to IMA amounted to EUR 4,044m which corresponded to an increase of EUR 373m compared to Q4 2020. The change was driven by VaR and sVaR on the back of higher interest rates risk. The slight reduction in the Comprehensive Risk Charge (CRC) REA was mainly stemming from position changes.

EURm	VaR	SVaR	IRC	CRC	Total REA	Total capital requirements
REA before regulatory adjustments 2020 Q4	1,028	1,651	635	357	3,671	294
Regulatory adjustment						
REA 2020 Q4	1,028	1,651	635	357	3,671	294
Movement in risk levels	165	263	-4	-51	373	30
Model updates/changes						
Methodology and policy						
Acquisitions and disposals						
Foreign exchange movements						
Other						
REA before regulatory adjustments 2021 Q1	1,193	1,914	631	306	4,044	324
Regulatory adjustment						
REA 2021 Q1	1,193	1,914	631	306	4,044	324

EURm	VaR	SVaR	IRC	CRC	Total REA	Total capital requirements
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
Movement in risk levels	-320	-403	-33	-41	-798	-64
Model updates/changes						
Methodology and policy	-123	-189			-312	-25
Acquisitions and disposals						
Foreign exchange movements						
Other						
REA before regulatory adjustments 2020 Q4	1,028	1,651	635	357	3,671	294
Regulatory adjustment						
REA 2020 Q4	1,028	1,651	635	357	3,671	294

Table 5 Summary of items included in own funds including profit

CET1 capital increased by 410m during the period, mainly driven by increased profit net of accrued dividend, favourable net pension OCI, decreased deduction of deferred tax assets and FX effects mainly seen in retained earnings. This was partly offset by increased deduction of prudential filters following the reversal of a temporary regulatory change.

The Tier 2 capital decrease was mainly stemming from amortisation T2 contracts, partially offset by FX effect.

Own funds has increased by 372 EURm in Q1 2021, mainly driven by Tier 1 capital movements partly offset by regulatory amortisation on T2 instruments.

EURm	2021 Q1	2020 Q4
Calculation of own funds		
Equity in the consolidated situation	30,033	29,100
Profit of the period	789	2,288
Proposed/actual dividend	-552	-1,585
Common Equity Tier 1 capital before regulatory adjustments	30,270	29,802
Deferred tax assets	-173	-252
Intangible assets	-2,666	-2,635
IRB provisions shortfall (-)		
Deduction for investments in credit institutions (50%)		
Pension assets in excess of related liabilities	-160	-108
Other items, net ¹	-307	-253
Total regulatory adjustments to Common Equity Tier 1 capital	-3,306	-3,249
Common Equity Tier 1 capital (net after deduction)	26,964	26,553
Additional Tier 1 capital before regulatory adjustments	2,699	2,609
Total regulatory adjustments to Additional Tier 1 capital	-27	-21
Additional Tier 1 capital	2,672	2,588
Tier 1 capital (net after deduction)	29,636	29,141
Tier 2 capital before regulatory adjustments	2,631	2,745
IRB provisions excess (+)	620	628
Deduction for investments in credit institutions (50%)		
Deductions for investments in insurance companies	-650	-650
Pension assets in excess of related liabilities		
Other items, net	-63	-63
Total regulatory adjustments to Tier 2 capital	-93	-85
Tier 2 capital	2,538	2,660
Own funds (net after deduction)	32,174	31,801
¹ Other items, net ¹ based on profit inclusion	-305	-253

Own funds, excluding profit

EURm	2021 Q1	2020 Q4
Common Equity Tier 1 capital	26,728	26,431
Tier 1 capital (net after deduction)	29,401	29,019
Total own funds	31,939	31,679

Own Funds reported to ECB¹

	2021 Q1	2020 Q4
Profit inclusion	Excluding Q1 profit (pending application)	Including profit

¹Summary of items included in own funds is presented including result, this table describes in text how profit has been included in the regulatory reporting of own funds to the ECB for relevant reporting period and might be updated for later publication if application is approved

Table 6 Capital ratios

In Q1 2021, all capital ratios (CET1, Tier 1, and Total) increased. This was partly from the decrease in REA, and partly from the increase in capital. CET1 capital increased by EUR 0.4bn, mainly due to higher profit accumulation net of dividend accrual and a positive contribution from defined benefit pension plans through other comprehensive income.

The leverage ratio decreased to 5.6% in the first quarter of 2021 from 5.9% in the fourth quarter of 2020. The decrease was driven by increased leverage ratio exposure in cash balances with central banks and an increase in securities financing transactions. Increased Tier 1 capital partially offset the increase in leveraged exposure

Risk based capital ratios

%	2021 Q1	2020 Q4
Common Equity Tier 1 capital ratio, including profit	17.5	17.1
Tier 1 capital ratio, including profit	19.2	18.7
Total capital ratio, including profit	20.9	20.5
Common Equity Tier 1 capital ratio, excluding profit	17.4	17.0
Tier 1 capital ratio, excluding profit	19.1	18.7
Total capital ratio, excluding profit	20.7	20.4

Leverage based capital ratios

%	2021 Q1	2020 Q4
Tier 1 capital, including profit, EURm	29,636	29,141
Leverage ratio exposure, including profit, EURm	562,736	518,225
Leverage ratio, including profit, percentage	5.3	5.6
Leverage ratio excluding central bank exposures ¹ , including profit, percentage	5.6	5.9
Tier 1 capital, excluding profit, EURm	29,401	29,019
Leverage ratio exposure, excluding profit, EURm	562,738	518,218
Leverage ratio, excluding profit, percentage	5.2	5.6
Leverage ratio excluding central bank exposures ¹ , excluding profit, percentage	5.5	5.9

¹ 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 for credit risk, split by exposure class

The table shows a comprehensive overview of regulatory exposures and capital requirements for credit risk split by exposure class. IRB exposures remain the largest component of REA, comprising EUR 105.2bn (87%) of a EUR 121.4bn total (compared to EUR 103.9bn of EUR 119.6 bn Q4 2020). The total increase in REA in Q1 2021 was mainly stemming from the IRB approach and the main contributor for the change was Other non-credit obligation assets. Increase in Corporate exposure class was partially offset by Institutions. Finally, REA for SA approach increased in total with 0.5bn in Q1 2021 mainly stemming from equity and items belonging to regulatory high-risk categories.

2021 Q1, EURm					
EURm	Original exposure	Exposure	Average risk weight	REA	Capital requirement
IRB exposure classes					
Sovereign					
Institution	32,123	30,604	13%	3,977	318
Corporate	193,446	154,357	44%	68,381	5,470
- of which advanced	172,216	137,425	43%	58,474	4,678
Retail	208,975	194,073	14%	27,612	2,209
- of which mortgage	165,279	161,935	12%	18,883	1,511
- of which other retail	43,696	32,138	27%	8,729	698
- of which SME	3,055	2,598	42%	1,082	87
Other non-credit obligation assets	5,981	5,966	88%	5,230	418
Total IRB approach	440,526	385,000	27%	105,200	8,416
Standardised exposure classes					
Central government and central banks	85,193	89,281	1%	476	38
Regional governments and local authorities	11,466	7,159	1%	85	7
Institution	1,904	1,904	7%	130	10
Corporate	2,742	2,341	90%	2,096	168
Retail	6,042	5,144	74%	3,817	305
Exposure secured by real estate	5,636	4,870	35%	1,705	136
Equity	2,455	2,455	221%	5,414	433
Other ¹	4,732	4,280	59%	2,516	201
Total standardised approach	120,171	117,434	14%	16,239	1,299
Total	560,697	502,434	24%	121,439	9,715

¹ Includes exposure classes Administrative bodies and non-commercial undertakings, Multilateral development banks, International organisations, Past due items, Items belonging to regulatory high-risk categories, Other items and Equity.

2020 Q4, EURm					
EURm	Original exposure	Exposure	Average risk weight	REA	Capital requirement
IRB exposure classes					
Sovereign					
Institution	34,365	32,624	15%	4,738	379
Corporate	194,291	153,532	44%	67,540	5,403
- of which advanced	173,723	137,501	42%	57,670	4,614
Retail	204,880	191,212	14%	27,256	2,181
- of which mortgage	162,388	159,650	12%	18,424	1,474
- of which other retail	42,493	31,562	28%	8,832	707
- of which SME	3,067	2,600	41%	1,066	85
Other non-credit obligation assets	4,842	4,836	90%	4,329	346
Total IRB approach	438,379	382,205	27%	103,864	8,309
Standardised exposure classes					
Central government and central banks	62,168	66,390	1%	437	35
Regional governments and local authorities	10,951	7,497	1%	83	7
Institution	1,817	1,817	6%	110	9
Corporate	2,892	2,480	90%	2,228	178
Retail	5,955	5,053	74%	3,747	300
Exposure secured by real estate	5,186	4,643	35%	1,626	130
Equity	2,351	2,351	219%	5,156	412
Other ¹	4,965	4,424	53%	2,348	188
Total standardised approach	96,284	94,655	17%	15,736	1,259
Total	534,663	476,860	25%	119,599	9,568

¹ 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. From Q4 2020 to Q1 2021, credit risk REA increased by EUR 1.1bn.

Q1 2021, 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
Total IRB exposures												
0.00 to < 0.15	160,140	45,035	56%	186,099	0.09%	1,272,721	18.8%	2.5	22,544	12%	31	15
0.15 to < 0.25	43,825	16,446	50%	51,411	0.20%	596,927	22.0%	2.4	10,710	21%	23	24
0.25 to < 0.50	58,225	21,418	48%	67,966	0.41%	479,290	24.3%	2.4	24,950	37%	69	90
0.50 to < 0.75	6,099	1,096	53%	6,402	0.60%	169,593	19.6%	2.5	1,246	19%	7	12
0.75 to < 2.50	34,193	12,963	52%	38,258	1.18%	444,996	24.9%	2.5	18,100	47%	112	282
2.50 to < 10.00	8,153	2,042	42%	8,492	4.40%	204,757	25.2%	2.7	4,681	55%	82	207
10.00 to < 100	6,756	2,752	29%	6,154	22.45%	111,938	26.6%	2.6	6,227	101%	343	270
100 (Default)	4,741	581	9%	4,543	100.00%	77,422	26.8%	2.4	6,719	148%	1,307	1,703
Total	322,132	102,333	52%	369,325	1.98%	3,357,644	21.3%	2.5	95,176	26%	1,973	2,603

Q4 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
Total IRB exposures												
0.00 to < 0.15	157,869	43,768	57%	183,170	0.09%	1,236,710	18.6%	2.5	21,375	12%	30	23
0.15 to < 0.25	44,240	14,451	49%	51,380	0.20%	591,242	22.2%	2.5	10,895	21%	23	26
0.25 to < 0.50	57,929	24,955	47%	68,776	0.41%	475,297	24.8%	2.4	25,276	37%	71	95
0.50 to < 0.75	6,307	1,060	53%	6,600	0.60%	167,855	19.9%	2.5	1,325	20%	8	11
0.75 to < 2.50	34,585	13,697	49%	38,433	1.18%	414,049	25.0%	2.5	18,171	47%	113	290
2.50 to < 10.00	8,557	2,285	37%	8,735	4.4%	204,062	24.7%	2.6	4,730	54%	83	200
10.00 to < 100	5,707	2,026	32%	5,545	21.7%	96,090	26.4%	2.6	5,634	102%	294	308
100 (Default)	4,674	713	11%	4,390	100.0%	102,244	26.6%	2.5	6,679	152%	1,297	1,666
Total	319,868	102,953	51%	367,030	1.91%	3,287,549	21.3%	2.5	94,084	26%	1,919	2,619

Table 9 EU CR6 FIRB Institutions: Credit risk exposures by PD scale

Institution portfolio REA decreased in Q1 by EUR 0.4bn. Development is driven by decline in loans and facilities.

Q1 2021, EURm												
PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors.	Average LGD	Average maturity	REA	REA density	EL	Value adj. and provision
Institutions - FIRB												
0.00 to < 0.15	26,460	2,316	45%	27,709	0.06%	580	15.0%	2.5	2,710	10%	3	1
0.15 to < 0.25	30	39	15%	49	0.17%	73	44.6%	2.5	17	36%	0	0
0.25 to < 0.50	185	170	17%	215	0.38%	127	25.7%	2.5	85	40%	0	0
0.50 to < 0.75	47	214	49%	146	0.66%	80	44.8%	2.5	141	96%	0	0
0.75 to < 2.50	35	36	22%	42	1.38%	50	45.0%	2.5	27	63%	0	0
2.50 to < 10.00	5	162	21%	20	7.92%	36	45.0%	2.5	28	141%	1	0
10.00 to < 100	31	1	7%	31	28.54%	138	45.0%	2.5	90	293%	4	0
100 (Default)												
Total	26,793	2,938	42%	28,212	0.11%	1,084	15.4%	2.5	3,098	11%	8	1

Q4 2020, EURm												
PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors.	Average LGD	Average maturity	REA	REA density	EL	Value adj. and provision
Institutions - FIRB												
0.00 to < 0.15	27,076	2,215	45%	28,309	0.06%	619	14.4%	2.5	2,744	10%	3	1
0.15 to < 0.25	26	45	20%	47	0.17%	69	44.5%	2.5	22	48%	0	0
0.25 to < 0.50	185	829	30%	564	0.37%	154	37.7%	2.6	320	57%	1	1
0.50 to < 0.75	112	207	50%	211	0.66%	84	44.9%	2.5	194	92%	1	0
0.75 to < 2.50	16	31	23%	22	1.18%	48	45.0%	2.5	27	122%	0	0
2.50 to < 10.00	33	172	22%	54	5.00%	36	45.0%	2.5	98	181%	1	0
10.00 to < 100	34	1	6%	34	28.5%	134	45.0%	2.5	99	293%	4	0
100 (Default)												
Total	27,481	3,501	41%	29,241	0.12%	1,144	15.3%	2.5	3,503	12%	10	3

Table 10 EU CR6 IRB Corporates: Credit risk exposures by PD scale

Corporate portfolio REA increased in Q1 by EUR 1.1bn. The increase is driven by changes in credit quality, capital floors and FX effects.

Q1 2021, 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. and EL	provision
Corporate - IRB, Total												
0.00 to < 0.15	34,779	23,677	48%	46,867	0.09%	12,418	28.6%	2.3	10,428	22%	13	10
0.15 to < 0.25	14,096	10,557	49%	18,878	0.22%	4,567	29.4%	2.4	7,441	39%	12	18
0.25 to < 0.50	37,136	17,687	47%	45,266	0.44%	10,735	27.3%	2.4	21,931	48%	54	77
0.50 to < 0.75	124	4	100%	128	0.50%	49	26.7%	3.6	56	44%	0	0
0.75 to < 2.50	22,297	10,355	48%	25,352	1.13%	18,534	27.5%	2.4	14,684	58%	78	198
2.50 to < 10.00	3,571	1,062	34%	3,642	4.07%	21,981	27.2%	2.9	2,586	71%	28	86
10.00 to < 100	4,728	2,149	31%	4,080	21.94%	32,220	28.5%	2.7	4,636	114%	233	169
100 (Default)	3,089	491	1%	2,869	100.00%	1,965	29.5%	2.4	2,724	95%	1,224	1,312
Total	119,820	65,983	47%	147,084	3.05%	102,469	28.1%	2.4	64,486	44%	1,642	1,871
Corporate - AIRB, Total												
0.00 to < 0.15	32,416	22,679	50%	43,353	0.09%	11,483	27.5%	2.3	9,081	21%	11	9
0.15 to < 0.25	13,221	10,181	50%	17,966	0.22%	4,160	28.8%	2.4	7,046	39%	11	17
0.25 to < 0.50	35,219	16,738	49%	43,265	0.44%	9,913	26.6%	2.4	20,757	48%	50	68
0.50 to < 0.75	124	4	100%	128	0.50%	49	26.7%	3.6	56	44%	0	0
0.75 to < 2.50	20,298	9,177	51%	23,155	1.12%	17,477	26.0%	2.4	12,891	56%	67	165
2.50 to < 10.00	3,216	806	45%	3,275	4.13%	21,726	<	2.9	2,212	68%	23	70
10.00 to < 100	3,327	1,410	48%	3,552	21.78%	27,314	26.5%	2.7	3,706	104%	182	130
100 (Default)	2,957	442		2,732	100.00%	1,880	28.9%	2.4	2,724	100%	1,165	1,265
Total	110,779	61,438	49%	137,425	3.03%	94,002	27.1%	2.4	58,474	43%	1,510	1,725
Corporate - AIRB, Corporates (excluding SMEs and specialised lending)												
0.00 to < 0.15	14,864	20,574	50%	23,557	0.11%	2,289	31.2%	2.2	6,299	27%	8	8
0.15 to < 0.25	8,898	9,232	50%	12,674	0.22%	1,610	30.1%	2.2	5,431	43%	8	15
0.25 to < 0.50	23,851	14,820	48%	29,542	0.44%	3,639	27.6%	2.3	15,500	52%	35	56
0.50 to < 0.75	124	4	100%	128	0.50%	49	26.7%	3.6	56	44%	0	0
0.75 to < 2.50	10,860	7,577	50%	12,387	1.12%	4,182	27.8%	2.4	8,249	67%	39	124
2.50 to < 10.00	1,088	649	41%	1,198	3.78%	2,250	29.5%	2.5	1,177	98%	12	44
10.00 to < 100	1,419	991	46%	1,570	21.17%	10,191	29.2%	2.6	2,190	140%	94	58
100 (Default)	1,799	302		1,671	100.00%	472	30.5%	2.3	1,464	88%	796	846
Sub-total	62,904	54,149	49%	82,726	2.87%	24,682	29.2%	2.3	40,365	49%	993	1,152
Corporate - AIRB, SMEs (excluding specialised lending)												
0.00 to < 0.15	17,532	2,064	54%	19,766	0.07%	9,192	23.0%	2.5	2,771	14%	3	1
0.15 to < 0.25	4,317	950	52%	5,286	0.22%	2,549	25.5%	2.7	1,613	31%	3	2
0.25 to < 0.50	11,282	1,919	53%	13,648	0.44%	6,272	24.3%	2.5	5,225	38%	15	12
0.50 to < 0.75												
0.75 to < 2.50	9,438	1,600	57%	10,768	1.13%	13,295	24.0%	2.5	4,642	43%	28	41
2.50 to < 10.00	2,128	156	57%	2,078	4.32%	19,476	23.1%	3.2	1,036	50%	11	26
10.00 to < 100	1,909	419	52%	1,982	22.27%	17,123	24.3%	2.8	1,516	77%	88	72
100 (Default)	1,158	140		1,061	100.00%	1,408	26.2%	2.5	1,260	119%	369	419
Sub-total	47,763	7,247	53%	54,589	3.30%	69,315	23.9%	2.5	18,064	33%	517	573
Corporate - AIRB, Specialised lending												
0.00 to < 0.15	19	41	26%	30	0.11%	2	36.3%	4.3	11	36%	0	
0.15 to < 0.25	6			6	0.22%	1	36.6%	1.7	2	36%	0	
0.25 to < 0.50	86	0	20%	75	0.47%	2	36.1%	2.5	32	43%	0	
0.50 to < 0.75												
0.75 to < 2.50												
2.50 to < 10.00												
10.00 to < 100												
100 (Default)												
Sub-total	111	41	26%	111	0.36%	5	36.2%	2.9	45	41%	0	

Corporate - FIRB, Total

0.00 to < 0.15	2,363	999	12%	3,514	0.11%	2,355	42.2%	2.5	1,348	38%	2	1
0.15 to < 0.25	875	376	13%	912	0.22%	1,362	41.9%	2.5	394	43%	1	1
0.25 to < 0.50	1,917	949	16%	2,001	0.45%	3,043	42.6%	2.5	1,175	59%	4	8
0.50 to < 0.75												
0.75 to < 2.50	1,999	1,178	23%	2,197	1.18%	3,726	42.4%	2.5	1,792	82%	11	33
2.50 to < 10.00	355	257	7%	367	3.61%	800	42.7%	2.5	374	102%	6	17
10.00 to < 100	1,401	738	2%	529	23.00%	8,327	42.0%	2.5	929	176%	51	39
100 (Default)	132	49	13%	138	100.00%	336	42.5%	2.5	0	0%	59	48
Total	9,042	4,545	14%	9,658	3.24%	19,949	42.3%	2.5	6,012	62%	132	146

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

0.00 to < 0.15	1,948	836	13%	2,641	0.10%	1,007	41.9%	2.5	1,144	43%	1	1
0.15 to < 0.25	408	245	13%	396	0.22%	514	43.3%	2.5	201	51%	0	1
0.25 to < 0.50	1,155	705	18%	1,184	0.44%	1,125	42.8%	2.5	808	68%	2	5
0.50 to < 0.75												
0.75 to < 2.50	1,089	823	27%	1,234	1.14%	1,191	42.8%	2.5	1,186	96%	6	14
2.50 to < 10.00	134	183	6%	137	3.61%	231	43.3%	2.5	176	128%	2	7
10.00 to < 100	1,093	616	3%	253	25.00%	3,917	42.6%	2.5	551	218%	27	20
100 (Default)	63	23	0%	63	100.00%	61	41.9%	2.5	0	0%	26	24
Total	5,890	3,430	15%	5,909	2.61%	8,046	42.4%	2.5	4,067	69%	65	71

Corporate - FIRB, SMEs (excluding specialised lending)

0.00 to < 0.15	415	162	6%	873	0.12%	1,348	43.2%	2.5	204	23%	0	0
0.15 to < 0.25	467	132	13%	516	0.22%	848	40.8%	2.5	193	37%	0	0
0.25 to < 0.50	762	244	11%	817	0.45%	1,918	42.4%	2.5	366	45%	2	3
0.50 to < 0.75												
0.75 to < 2.50	910	355	16%	963	1.23%	2,535	42.0%	2.5	606	63%	5	19
2.50 to < 10.00	221	74	7%	230	3.61%	569	42.3%	2.5	198	86%	3	10
10.00 to < 100	308	123	1%	275	21.16%	4,410	41.4%	2.5	378	137%	24	19
100 (Default)	70	25	25%	75	100.00%	275	43.0%	2.5	0	0%	32	23
Sub-total	3,152	1,115	11%	3,750	4.25%	11,903	42.2%	2.5	1,945	52%	67	75

Corporate - FIRB, Specialised Lending

0.00 to < 0.15
0.15 to < 0.25
0.25 to < 0.50
0.50 to < 0.75¹
0.75 to < 2.50
2.50 to < 10.00
10.00 to < 100
100 (Default)

Sub-total

¹For 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	Average LGD	Average maturity	REA	REA density	Value adj. and EL	provision
Corporate - IRB, Total												
0.00 to < 0.15	33,760	24,083	49%	45,933	0.09%	12,248	28.5%	2.3	9,923	22%	13	15
0.15 to < 0.25	14,923	8,942	48%	19,448	0.22%	4,519	29.4%	2.4	7,649	39%	13	19
0.25 to < 0.50	36,613	20,765	46%	45,611	0.44%	13,011	27.7%	2.3	21,968	48%	55	82
0.50 to < 0.751	122	2	100%	124	0.50%	49	24.3%	3.6	49	39%	0	0
0.75 to < 2.50	22,680	11,204	46%	25,574	1.13%	21,298	27.6%	2.4	14,739	58%	79	194
2.50 to < 10.00	3,774	1,408	31%	3,781	4.05%	24,185	26.1%	2.8	2,557	68%	29	83
10.00 to < 100	3,751	1,492	35%	3,555	20.68%	23,422	28.3%	2.6	4,073	115%	188	211
100 (Default)	2,937	554	0%	2,598	100.00%	2,082	29.7%	2.5	2,391	92%	1,210	1,285
Total	118,560	68,448	47%	146,625	2.77%	100,814	28.2%	2.4	63,348	43%	1,586	1,889
Corporate - AIRB, Total												
0.00 to < 0.15	31,588	23,228	51%	42,901	0.09%	11,420	27.6%	2.3	8,881	21%	11	10
0.15 to < 0.25	14,051	8,508	50%	18,542	0.22%	4,093	28.8%	2.4	7,282	39%	12	16
0.25 to < 0.50	34,404	19,687	48%	43,549	0.44%	11,488	27.0%	2.3	20,761	48%	51	64
0.50 to < 0.751	122	2	100%	124	0.50%	49	24.3%	3.6	49	39%	0	0
0.75 to < 2.50	20,622	9,993	50%	23,423	1.13%	19,650	26.2%	2.4	13,006	56%	68	168
2.50 to < 10.00	3,161	1,002	46%	3,440	4.09%	23,275	24.5%	2.9	2,186	64%	24	66
10.00 to < 100	2,968	1,065	49%	3,050	20.27%	20,490	26.0%	2.7	3,114	102%	138	179
100 (Default)	2,808	513		2,472	100.00%	1,970	29.0%	2.5	2,391	97%	1,156	1,239
Total	109,724	63,999	49%	137,501	2.74%	92,435	27.2%	2.4	57,670	42%	1,461	1,742
Corporate - AIRB, Corporates (excluding SMEs and specialised lending)												
0.00 to < 0.15	14,743	21,296	51%	24,176	0.11%	2,267	31.2%	2.2	6,405	26%	8	8
0.15 to < 0.25	9,911	7,643	49%	13,085	0.22%	1,600	30.1%	2.3	5,655	43%	9	14
0.25 to < 0.50	22,817	17,437	47%	29,191	0.44%	4,244	28.2%	2.3	15,226	52%	36	47
0.50 to < 0.751	122	2	100%	124	0.50%	48	24.3%	3.6	49	39%	0	0
0.75 to < 2.50	11,043	8,364	48%	12,425	1.12%	5,308	28.2%	2.4	8,289	67%	39	116
2.50 to < 10.00	975	801	42%	1,226	3.78%	3,010	29.3%	2.4	1,146	93%	12	36
10.00 to < 100	1,190	752	47%	1,297	19.77%	6,725	29.3%	2.4	1,797	139%	74	94
100 (Default)	1,575	354		1,428	100.00%	486	30.8%	2.5	1,154	81%	708	736
Sub-total	62,375	56,648	48%	82,952	2.47%	23,688	29.4%	2.3	39,721	48%	886	1,050
Corporate - AIRB, SMEs (excluding specialised lending)												
0.00 to < 0.15	16,827	1,924	55%	18,703	0.07%	9,151	22.9%	2.4	2,467	13%	3	2
0.15 to < 0.25	4,133	865	53%	5,449	0.22%	2,492	25.6%	2.6	1,625	30%	3	2
0.25 to < 0.50	11,510	2,240	54%	14,288	0.44%	7,241	24.5%	2.5	5,501	39%	16	17
0.50 to < 0.751												
0.75 to < 2.50	9,579	1,629	57%	10,998	1.13%	14,338	24.0%	2.5	4,716	43%	29	52
2.50 to < 10.00	2,186	201	56%	2,214	4.26%	20,259	21.9%	3.1	1,040	47%	11	30
10.00 to < 100	1,778	313	54%	1,753	20.64%	13,760	23.6%	2.8	1,317	75%	65	85
100 (Default)	1,225	157		1,036	100.00%	1,484	26.6%	2.5	1,227	118%	448	502
Sub-total	47,238	7,330	54%	54,440	3.13%	68,725	23.9%	2.5	17,894	33%	575	691
Corporate - AIRB, Specialised lending												
0.00 to < 0.15	18	8	57%	23	0.12%	2	36.3%	4.0	8	34%	0	
0.15 to < 0.25	7			7	0.22%	1	36.6%	1.9	3	38%	0	
0.25 to < 0.50	77	10	56%	70	0.48%	2	36.1%	1.3	34	49%	0	
0.50 to < 0.751												
0.75 to < 2.50												
2.50 to < 10.00												
10.00 to < 100												
100 (Default)	9	3		9	100.00%	1	25.1%	2.5	10	115%	0	0
Sub-total	111	21	49%	109	8.35%	6	35.3%	2.0	55	50%	1	0

PD scale	Original exposure	Off-balance exposure	Average CCF	EAD	Average PD	Number of obligors '000	Average LGD	2.5	REA	REA density	Value adj. and EL	provision
Corporate - FIRB, Total												
0.00 to < 0.15	2,172	854	6%	3,032	0.11%	2,279	41.9%	2.5	1,042	34%	1	5
0.15 to < 0.25	872	434	9%	906	0.22%	1,379	41.5%	2.5	367	40%	1	3
0.25 to < 0.50	2,209	1,077	8%	2,062	0.45%	3,985	42.5%	2.5	1,207	59%	4	18
0.50 to < 0.751												
0.75 to < 2.50	2,058	1,210	14%	2,151	1.16%	4,781	42.4%	2.5	1,733	81%	11	26
2.50 to < 10.00	612	406	2%	341	3.61%	1,761	42.5%	2.5	371	109%	5	17
10.00 to < 100	782	427	4%	505	23.12%	5,337	42.2%	2.5	958	190%	50	33
100 (Default)	129	41	1%	126	100.00%	382	42.6%	2.5	0	0%	54	46
Total	8,836	4,449	8%	9,123	3.23%	19,904	42.2%	2.5	5,678	62%	125	148

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

0.00 to < 0.15	1,677	686	7%	2,171	0.10%	917	41.7%	2.5	833	38%	1	5
0.15 to < 0.25	384	306	9%	369	0.22%	490	43.2%	2.5	179	48%	0	2
0.25 to < 0.50	1,421	836	8%	1,243	0.45%	1,655	42.9%	2.5	840	68%	2	15
0.50 to < 0.751												
0.75 to < 2.50	1,079	852	15%	1,142	1.09%	1,569	42.7%	2.5	1,096	96%	5	11
2.50 to < 10.00	404	322	2%	133	3.61%	782	43.4%	2.5	193	145%	2	11
10.00 to < 100	540	310	6%	274	25.67%	2,299	43.0%	2.5	643	234%	30	19
100 (Default)	65	19	0%	63	100.00%	87	42.3%	2.5	0	0%	27	22
Total	5,571	3,332	9%	5,395	2.95%	7,799	42.4%	2.5	3,784	70%	68	84

Corporate - FIRB, SMEs (excluding specialised lending)

0.00 to < 0.15	495	168	3%	861	0.13%	1,362	42.4%	2.5	209	24%	0	1
0.15 to < 0.25	488	128	8%	537	0.22%	889	40.3%	2.5	188	35%	0	1
0.25 to < 0.50	788	242	5%	819	0.45%	2,330	41.9%	2.5	367	45%	2	2
0.50 to < 0.751												
0.75 to < 2.50	979	359	11%	1,010	1.24%	3,212	42.0%	2.5	638	63%	5	15
2.50 to < 10.00	209	83	2%	208	3.61%	979	41.9%	2.5	177	85%	3	6
10.00 to < 100	242	117	1%	230	20.08%	3,038	41.2%	2.5	315	137%	19	14
100 (Default)	64	21	2%	63	100.00%	295	42.9%	2.5	0	0%	27	25
Sub-total	3,264	1,118	6%	3,728	3.64%	12,105	41.8%	2.5	1,894	51%	57	63

Corporate - FIRB, Specialised Lending

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

Table 11 EU CR6 IRB Retail: Credit risk exposures by PD scale

Retail portfolio REA decreased in Q1 by EUR 0.3bn. The decrease was driven by changes in credit quality, which was partly off-set by decreased loan volumes.

Q1 2021, 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. and EL	provision
Retail - RIRB, total												
0.00 to < 0.15	98,901	19,041	67%	111,522	0.09%	1,259,723	15.7%	2.5	9,405	8%	16	4
0.15 to < 0.25	29,699	5,849	52%	32,485	0.19%	592,287	17.6%	2.5	3,252	10%	11	6
0.25 to < 0.50	20,903	3,562	56%	22,485	0.35%	468,428	18.3%	2.5	2,933	13%	15	13
0.50 to < 0.75	5,928	878	53%	6,128	0.60%	169,464	18.8%	2.5	1,049	17%	7	11
0.75 to < 2.50	11,861	2,572	64%	12,863	1.29%	426,412	19.8%	2.5	3,390	26%	33	84
2.50 to < 10.00	4,577	817	54%	4,830	4.63%	182,740	23.5%	2.5	2,067	43%	53	121
10.00 to < 100	1,997	602	23%	2,043	23.37%	79,580	22.5%	2.5	1,501	73%	106	101
100 (Default)	1,652	90	52%	1,674	100.00%	75,457	22.1%	2.5	3,995	239%	83	390
Total	175,518	33,412	61%	194,029	1.45%	3,254,091	17.0%	2.5	27,591	14%	322	731
Retail - RIRB, Non-SME (excluding exposures secured by immovable property)												
0.00 to < 0.15	5,361	9,022	55%	10,298	0.09%	1,063,225	30.5%	2.5	762	7%	3	4
0.15 to < 0.25	3,618	4,342	48%	5,430	0.19%	555,870	28.8%	2.5	635	12%	3	6
0.25 to < 0.50	3,781	2,729	52%	4,788	0.36%	446,010	29.0%	2.5	868	18%	5	13
0.50 to < 0.75	1,455	625	46%	1,474	0.60%	156,296	29.3%	2.5	363	25%	3	11
0.75 to < 2.50	3,110	1,694	61%	3,570	1.31%	375,707	30.1%	2.5	1,254	35%	14	76
2.50 to < 10.00	3,155	677	47%	3,323	4.49%	156,294	25.9%	2.5	1,330	40%	39	109
10.00 to < 100	1,123	473	20%	1,140	21.58%	69,579	26.3%	2.5	718	63%	65	95
100 (Default)	584	45	52%	586	100.00%	65,383	31.2%	2.5	1,914	327%	60	289
Sub-total	22,188	19,607	52%	30,609	3.51%	2,888,364	29.2%	2.5	7,844	26%	191	603
Retail - RIRB, SME (excluding exposures secured by immovable property)												
0.00 to < 0.15	1	2	66%	3	0.09%	1,843	33.1%	2.5	0	7%	0	0
0.15 to < 0.25	12	9	69%	18	0.20%	3,690	34.5%	2.5	2	13%	0	0
0.25 to < 0.50	23	73	66%	70	0.39%	4,336	29.5%	2.5	12	18%	0	0
0.50 to < 0.75	41	70	80%	95	0.60%	5,895	28.1%	2.5	20	21%	0	0
0.75 to < 2.50	551	293	76%	691	1.51%	36,102	28.3%	2.5	206	30%	3	7
2.50 to < 10.00	298	91	83%	339	4.95%	23,857	28.6%	2.5	130	38%	5	12
10.00 to < 100	147	104	18%	154	23.87%	8,480	31.0%	2.5	109	71%	11	6
100 (Default)	99	41	51%	115	100.00%	7,424	30.6%	2.5	384	333%	13	50
Sub-total	1,173	684	66%	1,485	12.14%	91,627	28.9%	2.5	865	58%	32	75
Retail - RIRB, SME exposures secured by immovable property												
0.00 to < 0.15	4	13	40%	9	0.09%	880	16.8%	2.5	0	3%	0	
0.15 to < 0.25	340	23	41%	350	0.20%	6,064	17.1%	2.5	19	6%	0	
0.25 to < 0.50	135	24	53%	147	0.36%	2,415	16.6%	2.5	13	9%	0	
0.50 to < 0.75	90	16	49%	98	0.60%	1,440	16.8%	2.5	13	13%	0	
0.75 to < 2.50	377	73	45%	410	1.33%	7,543	17.4%	2.5	93	23%	1	
2.50 to < 10.00	46	6	48%	49	3.93%	954	16.5%	2.5	20	41%	0	
10.00 to < 100	18	1	56%	18	26.57%	288	15.7%	2.5	15	82%	1	
100 (Default)	17	2	63%	18	100.00%	498	17.4%	2.5	37	203%	0	2
Sub-total	1,026	158	46%	1,099	2.94%	20,082	17.1%	2.5	211	19%	3	2
Retail - RIRB, Non-SME exposures secured by immovable property												
0.00 to < 0.15	93,535	10,004	77%	101,213	0.09%	638,483	14.2%	2.5	8,642	9%	13	
0.15 to < 0.25	25,728	1,475	65%	26,687	0.18%	183,946	15.4%	2.5	2,595	10%	8	
0.25 to < 0.50	16,964	736	70%	17,480	0.35%	116,624	15.4%	2.5	2,040	12%	9	
0.50 to < 0.75	4,341	167	72%	4,461	0.60%	33,214	15.2%	2.5	653	15%	4	
0.75 to < 2.50	7,824	512	72%	8,192	1.26%	57,541	14.8%	2.5	1,837	22%	15	1
2.50 to < 10.00	1,078	44	95%	1,119	4.99%	7,573	15.3%	2.5	586	52%	9	0
10.00 to < 100	709	24	95%	731	25.98%	6,306	14.9%	2.5	659	90%	28	0
100 (Default)	953	2	67%	954	100.00%	9,648	15.6%	2.5	1,659	174%	10	49
Sub-total	151,131	12,964	75%	160,836	0.95%	1,053,335	14.6%	2.5	18,672	12%	96	51

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
Retail - RIRB, total												
0.00 to < 0.15	97,033	17,471	68%	108,929	0.09%	1,223,843	15.5%	2.5	8,708	8%	15	7
0.15 to < 0.25	29,291	5,463	52%	31,885	0.19%	586,654	17.7%	2.5	3,223	10%	10	7
0.25 to < 0.50	21,131	3,361	56%	22,602	0.35%	462,132	18.5%	2.5	2,988	13%	15	13
0.50 to < 0.75	6,074	850	53%	6,265	0.60%	167,722	19.0%	2.5	1,083	17%	7	11
0.75 to < 2.50	11,889	2,461	64%	12,837	1.29%	392,703	19.9%	2.5	3,405	27%	33	96
2.50 to < 10.00	4,751	705	49%	4,900	4.62%	179,841	23.4%	2.5	2,076	42%	53	117
10.00 to < 100	1,923	534	23%	1,956	23.50%	72,534	22.6%	2.5	1,463	75%	102	97
100 (Default)	1,737	159	51%	1,791	100.00%	100,162	22.1%	2.5	4,288	239%	87	380
Total	173,828	31,004	62%	191,165	1.52%	3,185,591	17.0%	2.5	27,234	14%	323	727

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

0.00 to < 0.15	5,175	8,290	56%	9,729	0.09%	1,040,513	30.4%	2.5	719	7%	3	3
0.15 to < 0.25	3,535	4,168	48%	5,283	0.19%	552,023	28.9%	2.5	622	12%	3	5
0.25 to < 0.50	3,873	2,623	52%	4,844	0.36%	440,776	29.1%	2.5	879	18%	5	9
0.50 to < 0.75	1,518	595	46%	1,537	0.60%	155,928	29.0%	2.5	374	24%	3	8
0.75 to < 2.50	3,088	1,628	61%	3,523	1.32%	346,207	30.2%	2.5	1,242	35%	14	74
2.50 to < 10.00	3,336	567	41%	3,405	4.48%	153,885	25.5%	2.5	1,341	39%	39	101
10.00 to < 100	1,063	405	21%	1,071	21.60%	64,740	26.7%	2.5	683	64%	62	82
100 (Default)	607	115	51%	642	100.00%	90,412	31.3%	2.5	2,107	328%	64	281
Sub-total	22,193	18,391	52%	30,033	3.72%	2,844,484	29.2%	2.5	7,967	27%	193	563

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

0.00 to < 0.15	1	3	66%	3	0.09%	1,719	32.3%	2.5	0	7%	0	0
0.15 to < 0.25	13	8	67%	19	0.20%	3,387	34.0%	2.5	2	13%	0	0
0.25 to < 0.50	21	73	66%	68	0.39%	4,358	29.6%	2.5	12	18%	0	0
0.50 to < 0.75	41	72	80%	95	0.60%	6,040	28.3%	2.5	20	21%	0	0
0.75 to < 2.50	539	305	75%	689	1.51%	32,651	28.3%	2.5	205	30%	3	7
2.50 to < 10.00	313	95	82%	355	4.90%	23,666	28.6%	2.5	136	38%	5	12
10.00 to < 100	136	110	18%	144	23.52%	6,541	30.4%	2.5	100	70%	10	5
100 (Default)	93	39	50%	109	100.00%	7,255	30.7%	2.5	367	337%	12	54
Sub-total	1,157	704	65%	1,481	11.58%	85,617	28.9%	2.5	843	57%	30	78

Retail - RIRB, SME exposures secured by immovable property

0.00 to < 0.15	4	12	40%	9	0.09%	881	17.1%	2.5	0	3%	0	0
0.15 to < 0.25	339	22	40%	348	0.20%	5,982	17.1%	2.5	19	6%	0	0
0.25 to < 0.50	134	24	52%	147	0.35%	2,447	16.7%	2.5	13	9%	0	0
0.50 to < 0.75	89	16	49%	97	0.60%	1,449	16.7%	2.5	13	13%	0	0
0.75 to < 2.50	377	76	46%	412	1.32%	7,696	17.4%	2.5	93	23%	1	2
2.50 to < 10.00	52	7	47%	55	3.93%	1,028	16.6%	2.5	23	41%	0	1
10.00 to < 100	16	1	54%	17	25.84%	269	16.0%	2.5	14	82%	1	0
100 (Default)	19	3	61%	20	100.00%	545	17.4%	2.5	42	208%	0	3
Sub-total	1,030	162	47%	1,105	3.09%	20,297	17.1%	2.5	217	20%	3	6

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

0.00 to < 0.15	91,853	9,166	80%	99,188	0.09%	632,286	14.0%	2.5	7,989	8%	12	3
0.15 to < 0.25	25,404	1,265	66%	26,236	0.19%	183,722	15.5%	2.5	2,580	10%	8	2
0.25 to < 0.50	17,102	641	69%	17,543	0.35%	116,803	15.6%	2.5	2,085	12%	10	3
0.50 to < 0.75	4,425	168	65%	4,535	0.60%	33,407	15.4%	2.5	676	15%	4	2
0.75 to < 2.50	7,885	452	73%	8,213	1.26%	58,417	14.9%	2.5	1,865	23%	15	14
2.50 to < 10.00	1,051	36	94%	1,085	4.99%	7,218	15.4%	2.5	576	53%	8	4
10.00 to < 100	709	17	95%	725	26.26%	6,315	15.2%	2.5	666	92%	29	9
100 (Default)	1,019	2	67%	1,020	100.00%	10,001	15.6%	2.5	1,771	174%	11	42
Sub-total	149,449	11,748	77%	158,545	1.00%	1,048,169	14.5%	2.5	18,207	11%	98	80

Table 12 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. During Q1 2021 total EAD decreased by EUR 0.6bn and REA decreased by EUR 0.7bn, the REA density decreased from 53% to 49%. Both EAD and REA variation were driven by the interest rates changes in corporate exposures.

2021 Q1, EURm	a	b	c	d	e	f	g
	EAD post CRM and post- CCF		Number of obligors	Average LGD	Average maturity	REA	REA density
PD scale	Average PD	Average PD					
Total IRB							
0.00 to < 0.15	6,507	0.08%	1,438	45.0%	2.1	2,278	35%
0.15 to < 0.25	786	0.21%	682	45.0%	2.3	439	56%
0.25 to < 0.50	1,455	0.43%	1,391	44.9%	2.3	1,181	81%
0.50 to < 0.75	140	0.66%	62	41.4%	1.9	115	82%
0.75 to < 2.50	671	1.14%	1,431	44.9%	2.4	608	91%
2.50 to < 10.00	92	3.61%	301	44.7%	2.5	117	127%
10.00 to < 100	29	16.64%	451	44.2%	2.5	45	155%
100 (Default)	29	100.00%	100	44.4%	2.5	11	37%
Total IRB	9,709	0.60%	5,856	44.9%	2.2	4,794	49%

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

	EAD post CRM and post- CCF		Number of obligors	Average LGD	Average maturity	REA	REA density
PD scale	Average PD	Average PD					
0.00 to < 0.15	2,034	0.07%	121	45.0%	2.2	644	32%
0.15 to < 0.25	117	0.17%	32	45.0%	2.3	53	45%
0.25 to < 0.50	102	0.38%	50	45.0%	2.2	63	61%
0.50 to < 0.75	131	0.66%	13	41.8%	1.9	112	86%
0.75 to < 2.50	7	1.02%	4	45.0%	2.5	7	99%
2.50 to < 10.00							
10.00 to < 100							
100 (Default)							
Institutions FIRB	2,392	0.12%	220	44.8%	2.2	878	37%

Retail RIRB

	EAD post CRM and post- CCF		Number of obligors	Average LGD	Average maturity	REA	REA density
PD scale	Average PD	Average PD					
0.00 to < 0.15	4	0.08%	44	34.3%	2.5	0	8%
0.15 to < 0.25	3	0.17%	82	36.0%	2.5	0	13%
0.25 to < 0.50	14	0.36%	72	34.5%	2.5	3	21%
0.50 to < 0.75	8	0.60%	49	34.6%	2.5	2	29%
0.75 to < 2.50	6	1.24%	258	37.6%	2.5	2	38%
2.50 to < 10.00	4	3.51%	147	37.6%	2.5	2	50%
10.00 to < 100	3	24.47%	109	37.7%	2.5	3	91%
100 (Default)	2	100.00%	22	34.4%	2.5	7	431%
Retail RIRB	44	6.39%	783	35.6%	2.5	21	47%

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	4,469	0.08%	1,273	45.0%	2.0	1,634	37%
0.15 to < 0.25	666	0.22%	568	45.0%	2.4	386	58%
0.25 to < 0.50	1,339	0.43%	1,269	45.0%	2.3	1,116	83%
0.50 to < 0.75							
0.75 to < 2.50	657	1.14%	1,169	45.0%	2.4	599	91%
2.50 to < 10.00	88	3.61%	154	45.0%	2.5	115	131%
10.00 to < 100	26	15.67%	342	45.0%	2.5	42	163%
100 (Default)	27	100.00%	78	45.0%	2.5	3	12%
Corporate FIRB, Total	7,273	0.73%	4,853	45.0%	2.1	3,895	54%

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	3,995	0.08%	712	45.0%	1.9	1,471	37%
0.15 to < 0.25	570	0.22%	279	45.0%	2.3	337	59%
0.25 to < 0.50	1,100	0.43%	603	45.0%	2.3	955	87%
0.50 to < 0.75							
0.75 to < 2.50	451	1.07%	429	45.0%	2.4	444	99%
2.50 to < 10.00	68	3.61%	46	45.0%	2.5	98	144%
10.00 to < 100	10	15.71%	89	45.0%	2.5	21	217%
100 (Default)	10	100.00%	14	45.0%	2.5	1	11%
Sub-total	6,205	0.46%	2,172	45.0%	2.1	3,328	54%

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	474	0.08%	561	45.0%	2.4	163	34%
0.15 to < 0.25	96	0.22%	289	45.0%	2.5	49	51%
0.25 to < 0.50	239	0.45%	666	45.0%	2.5	161	67%
0.50 to < 0.75							
0.75 to < 2.50	207	1.30%	740	45.0%	2.5	155	75%
2.50 to < 10.00	20	3.61%	108	45.0%	2.5	17	84%
10.00 to < 100	16	15.64%	253	45.0%	2.5	20	129%
100 (Default)	17	100.00%	64	45.0%	2.5	2	13%
Sub-total	1,068	2.28%	2,681	45.0%	2.5	567	53%

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							

2020Q4, EURm

Total IRB

PD scale	EAD post CRM and post-		Number of obligors	Average LGD	Average maturity	REA	REA density
	CCF	Average PD					
0.00 to < 0.15	6,271	0.07%	1,490	45.0%	2.3	2,079	33%
0.15 to < 0.25	911	0.21%	684	45.0%	2.5	581	64%
0.25 to < 0.50	1,996	0.43%	1,483	44.9%	2.4	1,659	83%
0.50 to < 0.75	79	0.65%	46	43.9%	2.4	75	95%
0.75 to < 2.50	882	1.14%	1,524	44.9%	2.4	810	92%
2.50 to < 10.00	103	3.62%	311	44.8%	2.5	133	129%
10.00 to < 100	52	20.13%	376	44.5%	2.5	94	183%
100 (Default)	45	100.00%	119	44.5%	2.5	17	37%
Total IRB	10,339	0.82%	6,033	45.0%	2.3	5,450	53%

Sovereigns FIRB

PD scale	EAD post CRM and post-		Number of obligors	Average LGD	Average maturity	REA	REA density
	CCF	Average PD					
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-		Number of obligors	Average LGD	Average maturity	REA	REA density
	CCF	Average PD					
0.00 to < 0.15	3,024	0.07%	140	45.0%	2.3	982	32%
0.15 to < 0.25	149	0.17%	37	45.0%	2.5	77	51%
0.25 to < 0.50	131	0.38%	54	45.0%	2.5	94	72%
0.50 to < 0.75	71	0.66%	14	45.0%	2.4	73	103%
0.75 to < 2.50	9	1.03%	5	45.0%	2.5	9	106%
2.50 to < 10.00							
10.00 to < 100							
100 (Default)							
Institutions - FIRB	3,384	0.10%	250	45.0%	2.3	1,235	36%

Retail RIRB

PD scale	EAD post CRM and post-		Number of obligors	Average LGD	Average maturity	REA	REA density
	CCF	Average PD					
0.00 to < 0.15	5	0.08%	40	34.3%	2.5	0	8%
0.15 to < 0.25	3	0.19%	97	35.8%	2.5	0	14%
0.25 to < 0.50	15	0.42%	88	34.5%	2.5	3	23%
0.50 to < 0.75	9	0.60%	32	34.5%	2.5	2	29%
0.75 to < 2.50	8	1.30%	273	37.3%	2.5	3	38%
2.50 to < 10.00	3	3.86%	124	37.6%	2.4	1	50%
10.00 to < 100	3	24.65%	115	37.7%	2.5	3	87%
100 (Default)	2	100.00%	24	34.3%	2.5	9	429%
Retail - RIRB	48	6.65%	793	35.4%	2.5	23	48%

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	3,242	0.07%	1,310	45.0%	2.2	1,096	34%
0.15 to < 0.25	758	0.22%	550	45.0%	2.5	504	66%
0.25 to < 0.50	1,850	0.44%	1,341	45.0%	2.4	1,562	84%
0.50 to < 0.75							
0.75 to < 2.50	866	1.14%	1,246	45.0%	2.4	798	92%
2.50 to < 10.00	101	3.61%	187	45.0%	2.5	132	131%
10.00 to < 100	48	19.80%	261	45.0%	2.5	91	190%
100 (Default)	43	100.00%	95	45.0%	2.5	8	19%
Corporate FIRB, Total	6,907	1.13%	4,990	45.0%	2.3	4,192	61%

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	2,736	0.07%	751	45.0%	2.2	904	33%
0.15 to < 0.25	642	0.22%	271	45.0%	2.5	444	69%
0.25 to < 0.50	1,496	0.43%	618	45.0%	2.4	1,312	88%
0.50 to < 0.75							
0.75 to < 2.50	570	1.11%	455	45.0%	2.4	569	100%
2.50 to < 10.00	84	3.61%	62	45.0%	2.5	118	140%
10.00 to < 100	27	24.04%	50	45.0%	2.5	63	236%
100 (Default)	20	100.00%	17	45.0%	2.5	5	26%
Sub-total	5,574	0.82%	2,224	45.0%	2.3	3,413	61%

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	505	0.08%	559	45.0%	2.5	193	38%
0.15 to < 0.25	117	0.22%	279	45.0%	2.5	60	52%
0.25 to < 0.50	354	0.45%	723	45.0%	2.5	250	71%
0.50 to < 0.75							
0.75 to < 2.50	296	1.19%	791	45.0%	2.5	229	77%
2.50 to < 10.00	17	3.61%	125	45.0%	2.5	15	86%
10.00 to < 100	21	14.51%	211	45.0%	2.5	28	133%
100 (Default)	23	100.00%	78	45.0%	2.5	3	12%
Sub-total	1,333	2.42%	2,766	45.0%	2.5	779	58%

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 13 LIQ 1: LCR Disclosures

EURm	Total unweighted value (average)				Total weighted value (average)			
	2021Q1	2020Q4	2020Q3	2020Q2	2021Q1	2020Q4	2020Q3	2020Q2
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)					104,422	101,876	101,459	98,141
Cash-outflows								
2 Retail deposits & deposits from small business customers	98,829	96,447	92,095	90,482	6,514	6,354	6,079	5,981
3 - Of which stable deposits	77,882	76,108	72,763	71,508	3,894	3,805	3,638	3,575
4 - Of which less stable deposits	20,947	20,331	19,316	18,953	2,620	2,540	2,425	2,385
5 Unsecured wholesale funding	108,715	104,412	98,200	93,707	50,562	48,868	48,066	45,407
6 - Of which Operational deposits (all counterparties) and deposits in networks of cooperative banks	30,242	29,099	26,326	27,785	7,155	6,889	6,399	6,710
7 - Of which Non-operational deposits (all counterparties)	67,485	64,776	60,698	55,066	32,420	31,442	30,491	27,841
8 - Of which unsecured debt	10,988	10,537	11,176	10,856	10,988	10,537	11,176	10,856
9 Secured wholesale funding					3,153	3,698	4,563	4,485
10 Additional requirements	75,333	73,608	64,469	59,715	13,232	12,736	11,917	11,313
11 - Of which outflows related to derivative exposures and other collateral requirements	7,797	7,529	7,469	7,115	6,813	6,394	6,358	6,205
12 - Of which Outflows related to loss Of funding on debt products	6	9	6	8	6	9	6	8
13 - Of which credit and liquidity facilities	67,530	66,070	56,995	52,592	6,413	6,333	5,553	5,099
14 Other contractual funding obligations	1,984	1,844	1,712	1,904	1,485	1,297	1,197	1,417
15 Other contingent funding obligations	42,636	40,537	43,917	47,044	2,742	2,570	2,863	3,037
16 Total cash outflows					77,688	75,521	74,685	71,639
Cash inflows								
17 Secured lending (e.g. reverse repos)	27,508	31,044	37,047	38,394	3,377	4,112	4,731	4,194
18 Inflows from fully performing exposures	11,116	11,199	11,628	11,516	5,248	5,240	5,576	5,847
19 Other cash inflows	7,203	8,113	8,890	9,226	5,524	5,959	6,216	6,438
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)					0	0	0	0
EU-19b (Excess inflows from a related specialised credit institution)					0	0	0	0
20 Total cash inflows	45,827	50,355	57,565	59,135	14,149	15,311	16,523	16,479
EU-20a Fully exempt inflows	0	0	0	0	0	0	0	0
EU-20b Inflows Subject to 90% Cap	0	0	0	0	0	0	0	0
EU-20c Inflows subject to 75% cap	45,825	50,353	57,562	59,135	14,149	15,311	16,523	16,479
21 Liquidity buffer					104,422	101,876	101,459	98,141
22 Total net cash outflows					63,539	60,210	58,160	55,155
23 Liquidity coverage ratio (%)					165%	169%	175%	178%