

Crédit Agricole Group Basel III Pillar 3 Disclosures

Review at 30 June 2022

Content

1. COMPOSITION AND MANAGEMENT OF CAPITAL	6
1.1 Solvency ratios	6
1.2 Leverage ratio	9
1.3 TLAC Ratios	13
2. COMPOSITION AND CHANGES IN RISK-WEIGHTED ASSETS	16
2.1 Summary of risk-weighted assets	16
2.2 Credit and counterparty risk	18
2.3 Securitisation	61
2.4 Market risk	67
3. INFORMATION ON THE LIQUIDITY REQUIREMENT MODEL	71
3.1 Regulatory Short-Term Liquidity Coverage Ratio (LCR)	71
3.2 Net Stable Funding Ratio (NSFR)	72
4. GLOBAL INTEREST RATE RISK	76
4.1 Qualitative information on interest rate risk management in the banking portfolio (EU IRRBBA standard)	76
4.2 Quantitative information on interest rate risk	76

Key phased-in metrics at Crédit Agricole Group level (EU KM1)

This table provides information required by Articles 447 (a to g) and 438 (b) of CRR2. It depicts an overview of the institution's key solvency, leverage and resolution ratios, and comprises both their input components and the minimal requirements that must be met.

Note that the following amounts are 'phased-in': they take into account the transitional provisions related to the application of the IFRS 9 accounting standard and the CRR and CRR2 transitional provisions concerning hybrid debt instruments. The table below also includes the retained earnings of the period. Lastly, the leverage exposure and the leverage ratio requirement as at 31 March 2022, 31 December 2021, 30 September 2021 and as at 30 June 2021 take into account the ECB decision of 18/06/2021 declaring exceptional circumstances and therefore allowing the neutralisation of certain Central Bank exposures from the leverage ratio until 1 April 2022.

EU KM1 - Phased-in Key metrics in euro millions		30/06/2022	31/03/2022	31/12/2021	30/09/2021	30/06/2021
Available own funds (amounts)						
1	Common Equity Tier 1 (CET1) capital	101 234	100 395	102 693	101 586	100 422
2	Tier 1 capital	107 557	106 410	107 549	106 581	105 337
3	Total capital	124 864	123 868	125 340	123 556	122 464
Risk-weighted exposure amounts						
4	Total risk-weighted exposure amount	579 519	591 960	585 441	582 610	579 718
Capital ratios (as a percentage of risk-weighted exposure amount)						
5	Common Equity Tier 1 ratio (%)	17.47%	16.96%	17.54%	17.44%	17.32%
6	Tier 1 ratio (%)	18.56%	17.98%	18.37%	18.29%	18.17%
7	Total capital ratio (%)	21.55%	20.93%	21.41%	21.21%	21.12%
Additional own funds requirements to address risks other than the risk of excessive leverage (as a percentage of risk-weighted exposure amount)						
EU 7a	Additional own funds requirements to address risks other than the risk of excessive leverage (%)	1.50%	1.50%	1.50%	1.50%	1.50%
EU 7b	of which: to be made up to CET1 capital (percentage points)	0.84	0.84	0.84	0.84	0.84
EU 7c	of which: to be made up to Tier 1 capital (percentage points)	1.13	1.13	1.13	1.13	1.13
EU 7d	Total SREP own funds requirements (%)	9.50%	9.50%	9.50%	9.50%	9.50%
Combined buffer and overall capital requirement (as a percentage of risk-weighted exposure amount)						
8	Capital conservation buffer (%)	2.50%	2.50%	2.50%	2.50%	2.50%
EU 8a	Conservation buffer due to macro-prudential or systemic risk identified at the level of a Member State (%)	0.00%	0.00%	0.00%	0.00%	0.00%
9	Institution specific countercyclical capital buffer (%)	0.03%	0.02%	0.02%	0.03%	0.03%
EU 9a	Systemic risk buffer (%)	0.00%	0.00%	0.00%	0.00%	0.00%
10	Global Systemically Important Institution buffer (%)	1.00%	1.00%	1.00%	1.00%	1.00%
EU 10a	Other Systemically Important Institution buffer (%)					
11	Combined buffer requirement (%)	3.53%	3.52%	3.52%	3.53%	3.53%
EU 11a	Overall capital requirements (%)	13.03%	13.02%	13.02%	13.03%	13.03%
12	CET1 available after meeting the total SREP own funds requirements (%)	11.43%	10.85%	11.25%	11.17%	11.05%

EU KM1 - Phased-in Key metrics in euro millions		30/06/2022	31/03/2022	31/12/2021	30/09/2021	30/06/2021
Leverage ratio						
13	Total exposure measure	2 044 773	1 844 129	1 765 793	1 780 718	1 777 738
14	Leverage ratio (%)	5.26%	5.77%	6.09%	5.99%	5.93%
Additional own funds requirements to address the risk of excessive leverage (as a percentage of total exposure amount)						
EU 14a	Additional own funds requirements to address the risk of excessive leverage (%)	0.00%	0.00%	0.00%	0.00%	0.00%
EU 14b	of which: to be made up of CET 1 capital (percentage points)	0.00%	0.00%	0.00%	0.00%	0.00%
EU 14c	Total SREP leverage ratio requirements (%)	3.00%	3.11%	3.11%	3.11%	3.11%
Leverage ratio buffer and overall leverage ratio requirement (as a percentage of total exposure measure)						
EU 14d	Leverage ratio buffer requirements (%)	0.00%	0.00%	0.00%	0.00%	0.00%
EU 14e	Overall leverage ratio requirements (%)	3.00%	3.11%	3.11%	3.11%	3.11%
Liquidity Coverage Ratio						
15	Total high-quality liquid assets (HQLA) (Weighted value - average)	414 625	412 728	401 940	383 801	362 466
EU 16a	Cash outflows - Total weighted value	311 318	307 607	299 251	288 181	279 651
EU 16b	Cash inflows - Total weighted value	66 353	65 382	64 102	62 861	60 809
16	Total net cash outflows (adjusted value)	244 966	242 226	235 148	225 320	218 842
17	Liquidity coverage ratio (%)	169.26%	170.39%	170.93%	170.34%	165.63%
Net Stable Funding Ratio						
18	Total available stable funding	1 235 506	1 288 767	1 268 040	1 271 961	1 266 841
19	Total required stable funding	1 021 220	1 023 257	1 009 418	1 009 500	1 012 577
20	NSFR ratio (%)	120.98%	125.95%	125.62%	126.00%	125.11%

Impact of the application of the IFRS 9 transitional provisions

IFRS 9 transitional provisions were applied for the first time as of 30 June 2020.

Comparison of institutions' own funds and capital and leverage ratios with and without the application of transitional arrangements for IFRS 9 or analogous ECLs				
in millions of euros		30/06/2022	31/03/2022	31/12/2021
Available capital (amounts)				
1	Common Equity Tier 1 (CET1) capital	101 234	100 395	102 693
2	Common Equity Tier 1 (CET1) capital as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	99 498	98 943	100 521
3	Tier 1 capital	107 557	106 410	107 549
4	Tier 1 capital as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	105 820	104 958	105 376
5	Total capital	124 864	123 868	125 340
6	Total capital as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	123 127	122 416	123 167
Risk-weighted assets (amounts)				
7	Total risk-weighted assets	579 519	591 960	585 441
8	Total risk-weighted assets as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	579 303	591 783	584 825
Capital ratios				
9	Common Equity Tier 1 (as a percentage of risk exposure amount)	17.47%	16.96%	17.54%
10	Common Equity Tier 1 (as a percentage of risk exposure amount) as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	17.18%	16.72%	17.19%
11	Tier 1 (as a percentage of risk exposure amount)	18.56%	17.98%	18.37%
12	Tier 1 (as a percentage of risk exposure amount) as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	18.27%	17.74%	18.02%
13	Total capital (as a percentage of risk exposure amount)	21.55%	20.93%	21.41%
14	Total capital (as a percentage of risk exposure amount) as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	21.25%	20.69%	21.06%
Leverage ratio				
15	Leverage ratio total exposure measure	2 044 773	1 844 129	1 765 793
16	Leverage ratio	5.26%	5.77%	6.09%
17	Leverage ratio as if IFRS 9 or analogous ECLs transitional arrangements had not been applied	5.18%	5.70%	5.97%

Crédit Agricole Group did not apply the temporary treatment described in Article 468 of regulation CRR No. 2019/876 and was not impacted by any change related to this provision during the period. Crédit Agricole Group's capital and capital and leverage ratios already reflect the full impact of unrealised gains and losses measured at their fair value through other comprehensive income.

1. COMPOSITION AND MANAGEMENT OF CAPITAL

Within the framework of Basel 3 Agreement, (EU) regulation No. 575/2013 of the European Parliament and of the Council of 26 June 2013 (the Capital Requirements Regulation, or "CRR") modified by CRR No. 2019/876 ("CRR 2") requires relevant financial institutions (notably credit institutions and investment firms) to disclose prudential information. This information is available on the following website in the "Pillar 3 and regulatory information" document: <https://www.credit-agricole.com/en/finance/finance/financial-publications>

The regulatory perspective of capital adequacy is ensured through the monitoring of solvency and leverage ratios. Each of these ratios reports the amount of regulatory capital to the risk, or leverage exposures. In addition to solvency, Crédit Agricole S.A. also manages the resolution ratios (MREL & TLAC) on behalf of the Crédit Agricole Group.

1.1 Solvency ratios

Position at 30 June 2022

Simplified regulatory capital

Simplified regulatory capital (in millions of euros)	30/06/2022		31/12/2021	
	phased-in	fully-loaded	phased-in	fully-loaded
Share capital and reserves	31 422	31 422	29 927	29 927
Consolidated reserves	92 769	92 769	85 467	85 467
Other comprehensive income	(2 202)	(2 202)	2 003	2 003
Net income (loss) for the year	4 100	4 100	9 101	9 101
EQUITY - GROUP SHARE	126 090	126 090	126 498	126 498
(-) AT1 instruments accounted as equity	(5 986)	(5 986)	(4 888)	(4 888)
Eligible minority interests	3 613	3 613	3 557	3 557
(-) Expected dividend	(599)	(599)	(1 594)	(1 594)
(-) Prudential filters	(1 358)	(1 358)	(1 920)	(1 920)
<i>o/w: Prudent valuation</i>	<i>(1 883)</i>	<i>(1 883)</i>	<i>(1 732)</i>	<i>(1 732)</i>
(-) Regulatory adjustments	(19 540)	(19 540)	(19 970)	(19 970)
<i>Goodwills and intangible assets</i>	<i>(19 088)</i>	<i>(19 088)</i>	<i>(19 014)</i>	<i>(19 014)</i>
<i>Deferred tax assets that rely on future profitability excluding those arising from temporary differences</i>	<i>(138)</i>	<i>(138)</i>	<i>(494)</i>	<i>(494)</i>
<i>Shortfall in adjustments for credit risk relative to expected losses under the internal ratings-based approach</i>	<i>(315)</i>	<i>(315)</i>	<i>(462)</i>	<i>(462)</i>
Amount exceeding thresholds	-	-	-	-
Other CET1 components	(985)	(2 722)	1 009	(1 164)
COMMON EQUITY TIER 1 (CET1)	101 234	99 498	102 693	100 521
Additional Tier 1 (AT1) instruments	6 589	4 795	5 107	3 435
Other AT1 components	(267)	(267)	(251)	(251)
TOTAL TIER 1	107 557	104 026	107 549	103 704
Tier 2 instruments	17 360	15 293	18 098	15 719
Other Tier 2 components	(53)	(53)	(307)	(307)
TOTAL CAPITAL	124 864	119 266	125 340	119 116
TOTAL RISK-WEIGHTED EXPOSURE AMOUNT (RWA)	579 519	579 303	585 441	584 825
CET1 ratio	17.47%	17.18%	17.54%	17.19%
Tier 1 ratio	18.56%	17.96%	18.37%	17.73%
Total capital ratio	21.55%	20.59%	21.41%	20.37%

For clarity, the full tables of the composition of capital (EU CC1 and EU CC2) are available at <https://www.credit-agricole.com/en/finance/finance/%20financial-publications>

Regulatory requirements

The CRR regulation governs the requirements with regard to Pillar 1. The supervisor also sets, on a discretionary basis, the minimum requirements, within the framework of Pillar 2.

The overall capital requirement is as follows:

SREP own funds requirement	30/06/2022	31/12/2021
Pillar 1 minimum CET1 requirement	4.50%	4.50%
CET1 additional Pillar 2 requirement (P2R)	0.84%	0.84%
Combined buffer requirement	3.53%	3.52%
CET1 requirement	8.87%	8.87%
Pillar 1 minimum AT1 requirement	1.50%	1.50%
AT1 component of P2R	0.28%	0.28%
Pillar 1 minimum Tier 2 requirement	2.00%	2.00%
Tier 2 component of P2R	0.38%	0.38%
Overall capital requirement	13.03%	13.02%

Minimum requirements with regard to Pillar 1

The capital requirements established under Pillar 1 include a minimum CET1 capital ratio of 4.5%, a minimum Tier 1 capital ratio of 6% and a minimum total capital ratio of 8%.

Minimum requirements with regard to Pillar 2

The European Central Bank (ECB) annually notifies Crédit Agricole Group and Crédit Agricole S.A. of their minimum capital requirements following the results of the Supervisory Review and Evaluation Process (SREP).

- a Pillar 2 Requirement (P2R) of 1.5% which applies to each level of capital; failure to comply with this requirement automatically results in restrictions on distributions (additional Tier 1 capital instrument coupons, dividends, variable compensation); accordingly, this requirement is public. The P2R can be met with 75% Tier 1 capital including as a minimum 75% CET1 capital;
- a Pillar 2 Guidance (P2G), which is not public and must be fully met with Common Equity Tier 1 (CET1) capital.

Regulations provide for the establishment of capital buffers, fully covered with CET1 capital and for which the overall capital requirement works out as follows:

Combined buffer requirement	30/06/2022	31/12/2021
Phased-in capital conservation buffer	2,50%	2,50%
Phased-in systemic buffer	1,00%	1,00%
Countercyclical buffer	0,03%	0,02%
Combined buffer requirement	3,53%	3,52%

The following tables meet the disclosure requirements of Article 440 (a) and (b) of CRR2.

Institution-specific countercyclical buffer (EU CCYB2)

Amount of institution-specific countercyclical capital buffer (EU CCYB2)		30/06/2022	31/12/2021
1	Total risk exposure amount	579 519	585 441
2	Institution specific countercyclical capital buffer rate	0.029%	0.023%
3	Institution specific countercyclical capital buffer requirement	165	137

Geographical distribution of credit exposures relevant for the calculation of the countercyclical buffer (EU CCYB1)

30/06/2022 (in millions of euros)		General credit exposures		Relevant credit exposures – Market risk		Securitisation exposures Exposure value for non-trading book	Total exposure value	Own fund requirements				Risk-weighted exposure amounts	Own fund requirements weights (%)	Countercyclic al buffer rate (%)												
								Relevant credit risk exposures Credit risk	Relevant credit exposures – Market risk	Relevant credit exposures – Securitisation positions in the non-trading book	Total															
1	Breakdown by country	Exposure value under the standardised approach	Exposure value under the IRB approach	Sum of long and short positions of trading book exposures for SA	Value of trading book exposures for internal models	2	3					4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	Belgium	5 603	4 208	-	-	22	9 832	203	-	1	204	2 547	0.55%	0.00%												
	Bulgaria	2	12	-	-	-	14	0	-	-	0	4	0.00%	0.50%												
	Croatia	1	36	-	-	-	37	0	-	-	0	2	0.00%	0.00%												
	Czech Republic	35	132	-	-	-	167	7	-	-	7	87	0.02%	0.50%												
	Danemark	229	1 171	-	-	71	1 470	35	-	1	36	445	0.10%	0.00%												
	Estonia	0	15	-	-	-	15	0	-	-	0	2	0.00%	0.00%												
	France	61 117	723 097	154	2 589	22 859	809 816	22 273	219	387	22 880	286 004	61.62%	0.00%												
	Germany	4 120	16 351	-	-	2 768	23 239	668	-	34	702	8 775	1.89%	0.00%												
	Hong Kong	44	5 406	-	-	183	5 633	107	-	3	110	1 375	0.30%	1.00%												
	Iceland	0	0	-	-	-	0	0	-	-	0	0	0.00%	0.00%												
	Ireland	75	5 185	-	-	23	5 284	110	-	1	111	1 385	0.30%	0.00%												
	Lithuania	29	3	-	-	23	55	2	-	1	3	39	0.01%	0.00%												
	Luxembourg	2 820	183 165	-	-	2 983	188 967	1 708	-	1	1 708	21 352	4.60%	0.50%												
	Netherlands	1 890	9 016	-	-	957	11 863	467	-	12	479	5 988	1.29%	0.00%												
	Norway	19	2 238	-	-	105	2 361	60	-	1	61	761	0.16%	1.50%												
	Romania	9	49	-	-	-	58	4	-	-	4	45	0.01%	0.00%												
	Slovakia	5	7	-	-	-	12	1	-	-	1	7	0.00%	1.00%												
	Sweden	123	2 507	-	-	27	2 657	97	-	0	98	1 221	0.26%	0.00%												
	United-kingdom	1 430	16 582	-	-	3 227	21 238	572	-	49	622	7 773	1.67%	0.00%												
	Other countries *	69 832	177 781	246	-	31 115	278 975	9 690	20	399	10 109	126 364	27.22%	0.00%												
	Total	147 382	1 146 960	401	2 589	64 362	1 361 693	36 005	239	890	37 134	464 175	100%	0.029%												

*For which no countercyclical buffer has been defined by the competent authority

1.2 Leverage ratio

Regulatory framework

The leverage ratio is defined as the Tier 1 capital divided by the leverage exposure measure, i.e. balance sheet and off-balance-sheet assets after certain restatements of derivatives, transactions between Group affiliates, securities financing transactions, items deducted from the numerator, and off-balance-sheet items.

Since the publication of European Regulation CRR 2 in the Official Journal of the European Union on 7 June 2019, the leverage ratio has been subject to a minimum Pillar 1 requirement applicable as from 28 June 2021:

- the minimum leverage ratio requirement is 3%;
- from 1 January 2023, a leverage ratio buffer, defined as half of the entity's systemic buffer, will be added to this level for global systemically important institutions (G-SII), i.e. for Crédit Agricole Group;
- lastly, failure to comply with the leverage ratio buffer requirement will result in a distribution restriction and the calculation of a maximum distributable amount (L-MDA).

Position at 30 June 2022

The following meets the disclosure requirements of Article 451 of CRR2.

Regulation CRR 2 stipulates that certain Central Bank exposures may be excluded from the overall leverage ratio exposure if macroeconomic circumstances so justify. If this exemption is applied, the institutions must satisfy an adjusted leverage ratio requirement of over 3%.

On 18 June 2021, the European Central Bank declared that credit institutions under its supervision could apply this exclusion in light of the exceptional circumstances existing since 31 December 2019; this measure was applicable until 31 March 2022 included. Crédit Agricole Group applied this provision and therefore had to comply with a leverage ratio requirement of 3.11% during this period. From 1 April 2022, the minimum leverage ratio requirement is reduced to 3%.

LRCom: Leverage ratio – common disclosure (EU LR2)

LRCom: Leverage ratio common disclosure (EU LR2) - in millions of euros		30/06/2022	31/12/2021
On-balance sheet exposures (excluding derivatives and SFTs)			
1	On-balance sheet items (excluding derivatives, SFTs, but including collateral)	1 729 822	1 667 657
2	Gross-up for derivatives collateral provided, where deducted from the balance sheet assets pursuant to the applicable accounting framework	6 272	5 397
3	(Deductions of receivables assets for cash variation margin provided in derivatives transactions)	(17 991)	(16 146)
4	(Adjustment for securities received under securities financing transactions that are recognised as an asset)	-	-
5	(General credit risk adjustments to on-balance sheet items)	-	-
6	(Asset amounts deducted in determining Tier 1 capital)	(20 693)	(22 166)
7	Total on-balance sheet exposures (excluding derivatives and SFTs)	1 697 409	1 634 743
Derivative exposures			
8	Replacement cost associated with SA-CCR derivatives transactions (ie net of eligible cash variation margin)	34 730	24 720
EU-8a	Derogation for derivatives: replacement costs contribution under the simplified standardised approach	-	1
9	Add-on amounts for potential future exposure associated with SA-CCR derivatives transactions	53 480	48 302
EU-9a	Derogation for derivatives: Potential future exposure contribution under the simplified standardised approach	-	23
EU-9b	Exposure determined under Original Exposure Method	-	-
10	(Exempted CCP leg of client-cleared trade exposures) (SA-CCR)	(2 651)	(2 665)
EU-10a	(Exempted CCP leg of client-cleared trade exposures) (simplified standardised approach)	-	-
EU-10b	(Exempted CCP leg of client-cleared trade exposures) (Original Exposure Method)	-	-
11	Adjusted effective notional amount of written credit derivatives	14 769	15 249
12	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	(4 909)	(4 711)
13	Total derivatives exposures	95 418	80 919
Securities financing transaction (SFT) exposures			
14	Gross SFT assets (with no recognition of netting), after adjustment for sales accounting transactions	358 419	318 101
15	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(218 684)	(176 652)
16	Counterparty credit risk exposure for SFT assets	9 711	6 188
EU-16a	Derogation for SFTs: Counterparty credit risk exposure in accordance with Articles 429e(5) and 222 CRR	-	-
17	Agent transaction exposures	-	-
EU-17a	(Exempted CCP leg of client-cleared SFT exposure)	-	-
18	Total securities financing transaction exposures	149 446	147 637
Other off-balance sheet exposures			
19	Off-balance sheet exposures at gross notional amount	396 427	380 717
20	(Adjustments for conversion to credit equivalent amounts)	(204 907)	(185 906)
21	(General provisions deducted in determining Tier 1 capital and specific provisions associated with off-balance sheet exposures)	-	-
22	Off-balance sheet exposures	191 521	194 810

LRCom: Leverage ratio common disclosure (EU LR2) - part 2 - in millions of euros		30/06/2022	31/12/2021
Excluded exposures			
EU-22a	(Exposures excluded from the total exposure measure in accordance with point (c) of Article 429a(1) CRR)	-	-
EU-22b	(Exposures exempted in accordance with point (j) of Article 429a(1) CRR (on and off balance sheet))	(75 513)	(71 056)
EU-22c	(Excluded exposures of public development banks (or units) - Public sector investments)	-	-
EU-22d	(Excluded exposures of public development banks (or units) - Promotional loans)	-	-
EU-22e	(Excluded passing-through promotional loan exposures by non-public development banks (or units))	-	-
EU-22f	(Excluded guaranteed parts of exposures arising from export credits)	(13 508)	(13 341)
EU-22g	(Excluded excess collateral deposited at triparty agents)	-	-
EU-22h	(Excluded CSD related services of CSD/institutions in accordance with point (o) of Article 429a(1) CRR)	-	-
EU-22i	(Excluded CSD related services of designated institutions in accordance with point (p) of Article 429a(1) CRR)	-	-
EU-22j	(Reduction of the exposure value of pre-financing or intermediate loans)	-	-
EU-22k	(Total exempted exposures)	(89 021)	(84 397)
Capital and total exposure measure			
23	Tier 1 capital	107 557	107 549
24	Total exposure measure	2 044 773	1 765 793
Leverage ratio			
25	Leverage ratio (%)	5.26%	6.09%
EU-25	Leverage ratio (excluding the impact of the exemption of public sector investments and promotional loans) (%)	5.26%	6.09%
25a	Leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves) (%)	5.26%	5.45%
26	Regulatory minimum leverage ratio requirement (%)	3.00%	3.11%
EU-26a	Additional own funds requirements to address the risk of excessive leverage (%)	0.00%	0.00%
EU-26b	of which: to be made up of CET1 capital	0.00%	0.00%
27	Leverage ratio buffer requirement (%)	0.00%	0.00%
EU-27a	Overall leverage ratio requirement (%)	3.00%	3.11%
Choice on transitional arrangements and relevant exposures			
EU-27b	Choice on transitional arrangements for the definition of the capital measure	Transitional	Transitional

NB : the change of Total exposure measure (line 24 from the table above) between the 30th June 2022 and 31st December 2021 is mainly explained by the end of ECB exposure neutralisation (01/04/2022)

LRSum: Summary reconciliation of accounting assets and leverage ratio exposures (EU LR1)

Applicable Amount - in millions of euros		30/06/2022
1	Total assets as per published financial statements	2 395 665
2	Adjustment for entities which are consolidated for accounting purposes but are outside the scope of prudential consolidation	(382 293)
3	(Adjustment for securitised exposures that meet the operational requirements for the recognition of risk transference)	(19)
4	(Adjustment for temporary exemption of exposures to central banks (if applicable))	-
5	(Adjustment for fiduciary assets recognised on the balance sheet pursuant to the applicable accounting framework but excluded from the total exposure measure in accordance with point (i) of Article 429a(1) CRR)	-
6	Adjustment for regular-way purchases and sales of financial assets subject to trade date accounting	-
7	Adjustment for eligible cash pooling transactions	-
8	Adjustment for derivative financial instruments	(302 789)
9	Adjustment for securities financing transactions (SFTs)	(208 973)
10	Adjustment for off-balance sheet items (ie conversion to credit equivalent amounts of off-balance sheet exposures)	193 274
11	(Adjustment for prudent valuation adjustments and specific and general provisions which have reduced Tier 1 capital)	-
EU-11a	(Adjustment for exposures excluded from the total exposure measure in accordance with point (c) of Article 429a(1) CRR)	-
EU-11b	(Adjustment for exposures excluded from the total exposure measure in accordance with point (j) of Article 429a(1) CRR)	(75 513)
12	Other adjustments	425 421
13	Total exposure measure	2 044 773

LRSpl: Breakdown of balance sheet exposures (excluding derivatives, SFTs and exempted exposures) (EU LR3)

CRR leverage ratio exposures (in millions of euros)		30/06/2022
EU-1	Total on-balance sheet exposures (excluding derivatives, SFTs, and exempted exposures), of which:	1 644 928
EU-2	Trading book exposures	41 460
EU-3	Banking book exposures, of which:	1 603 468
EU-4	Covered bonds	5 714
EU-5	Exposures treated as sovereigns	370 222
EU-6	Exposures to regional governments, MDB, international organisations and PSE, not treated as sovereigns	45 650
EU-7	Institutions	38 036
EU-8	Secured by mortgages of immovable properties	470 052
EU-9	Retail exposures	230 899
EU-10	Corporates	336 013
EU-11	Exposures in default	20 346
EU-12	Other exposures (eg equity, securitisations, and other non-credit obligation assets)	86 537

1.3 TLAC Ratios

Key metrics – Capital requirement and eligible liabilities requirement applicable to G-SIIs (EU KM2)

This table provides information required by Article 447 (h) of CRR2 and by Article 45i-3 (a and c) of BRRD2. It depicts an overview of the TLAC ratio, i.e. the G-SII requirement for own funds and eligible liabilities that applies to Crédit Agricole Group.

EU KM2: Own funds and eligible liabilities, ratios and components (in €mn)		30/06/2022	31/03/2022	31/12/2021	30/09/2021	30/06/2021
1	Own funds and eligible liabilities [1]	154 601	153 329	154 060	151 419	148 640
2	Total risk exposure amount of the resolution group (TREA) [2]	579 519	591 960	585 441	582 610	579 718
3	Own funds and eligible liabilities as a percentage of TREA	26.68%	25.90%	26.32%	25.99%	25.64%
4	Total exposure measure of the resolution group [2]	2 044 773	1 844 129	1 765 793	1 780 718	1 777 738
5	Own funds and eligible liabilities as percentage of the total exposure measure	7.56%	8.31%	8.72%	8.50%	8.36%
6a	Does the subordination exemption in Article 72b(4) of the CRR apply? (5% exemption)	No	No	No	No	No
6b	Pro-memo item - Aggregate amount of permitted non-subordinated eligible liabilities instruments if the subordination discretion as per Article 72b(3) CRR is applied (max 3.5% exemption) [3]	0	0	0	0	0
6c	Pro-memo item: If a capped subordination exemption applies under Article 72b(3) CRR, the amount of funding issued that ranks pari passu with excluded liabilities and that is recognised under row 1, divided by funding issued that ranks pari passu with excluded Liabilities and that would be recognised under row 1 if no cap was applied (%)	N/A	N/A	N/A	N/A	N/A

[1] Total loss absorbing capacity.

[2] For the purpose of computing resolution ratios, the Total Exposure Risk Amount (TREA) of the resolution group is equivalent to the Risk Weighted Assets (RWA) at Crédit Agricole Group level; the Total Exposure Measure (TEM) of the resolution group is equivalent to the Leverage Ratio Exposure (LRE) at Crédit Agricole Group level.

[3] As part of its annual resolvability assessment, Crédit Agricole Group has chosen to waive the possibility offered by Article 72b(3) of the Capital Requirements Regulation to use senior preferred debt for compliance with its TLAC requirements in 2022.

As at 30 June 2022, Crédit Agricole Group's TLAC ratio is 26.7% of risk-weighted assets and 7.6% of leverage exposure, excluding eligible senior preferred debt. Crédit Agricole Group's TLAC ratio is well above the respective requirements of 21.5% of risk-weighted assets (including the countercyclical buffer of 0.03% as at 30 June 2022) and 6.75% of the leverage exposure.

TLAC composition at Resolution Group Level – Crédit Agricole Group (EU-TLAC1)

The table below provides information required by Article 437a (a, c and d) of CRR2 and Article 45i-3-(b) of BRRD2. It presents the composition of own funds and liabilities eligible for the TLAC requirement applicable to global systematically important institutions, and therefore to the Crédit Agricole Group.

EU TLAC1 - Composition - G-SII Requirement for own funds and eligible liabilities (in millions of euros)		30/06/2022
Own funds and eligible liabilities and adjustments		
1	Common Equity Tier capital (CET1)	101 234
2	Additional Tier capital (AT1)	6 322
6	Tier 2 capital (T2)	17 307
11	Own funds for the purpose of Articles 92a CRR	124 864
Own funds and eligible liabilities: Non-regulatory capital elements		
12	Eligible liabilities instruments issued directly by the resolution entity that are subordinated to excluded liabilities (not grandfathered) [1]	26 035
EU-12a	Eligible liabilities instruments issued by other entities within the resolution group that are subordinated to excluded liabilities (not grandfathered)	0
EU-12b	Eligible liabilities instruments that are subordinated to excluded liabilities, issued prior to 27 June 2019 (subordinated grandfathered)	0
EU-12c	Tier 2 instruments with a residual maturity of at least one year to the extent they do not qualify as Tier 2 items	3 701
13	Eligible liabilities that are not subordinated to excluded liabilities (not grandfathered pre cap) [2]	N/A
EU-13a	Eligible liabilities that are not subordinated to excluded liabilities issued prior to 27 June 2019 (pre-cap) [2]	N/A
14	Amount of non subordinated instruments eligible, where applicable after application of Article 72b (3) CRR [2]	0
17	Eligible liabilities items before adjustments	29 737
EU-17a	Of which subordinated	29 737
Own funds and eligible liabilities: Adjustments to non-regulatory capital elements		
18	Own funds and eligible liabilities items before adjustments	154 601
19	(Deduction of exposures between MPE resolution groups)	N/A
20	(Deduction of investments in other eligible liabilities instruments)	0
22	OWN FUNDS AND ELIGIBLE LIABILITIES after adjustments	154 601
EU-22a	Of which own funds and subordinated	154 601
Risk-weighted exposure amount and leverage exposure measure of the resolution group		
22	Total risk exposure amount (TREA) [3]	579 519
23	Total exposure measure (TEM) [3]	2 044 773
Ratio of own funds and eligible liabilities		
25	Own funds and eligible liabilities (as a percentage of TREA)	26.68%
EU-25a	Of which own funds and subordinated	26.68%
26	Own funds and eligible liabilities (as a percentage of TEM)	7.56%
EU-26a	Of which own funds and subordinated	7.56%
27	CET1 (as a percentage of TREA) available after meeting the resolution group's requirements [4]	8.68%
28	Institution-specific combined buffer requirement	3.53%
29	of which: capital conservation buffer requirement	2.50%
30	of which: countercyclical buffer requirement	0.03%
31	of which: systemic risk buffer requirement	0.00%
EU-31a	of which: Global Systemically Important Institution (G-SII) or Other Systemically Important Institution (O-SII) buffer	1.00%
Memorandum items		
EU-32	Total amount of excluded liabilities referred to in Article 72a(2) CRR	831 054

[1] Senior non preferred debt instruments.

[2] As part of its annual resolvability assessment, Crédit Agricole Group has chosen to waive the possibility offered by Article 72b(3) of the Capital Requirements Regulation to use senior preferred debt for compliance with its TLAC requirements in 2022.

[3] For the purpose of computing resolution ratios, the Total Exposure Risk Amount (TREA) of the resolution group is equivalent to the Risk Weighted Assets (RWA) at Crédit Agricole Group level; the Total Exposure Measure (TEM) of the resolution group is equivalent to the Leverage Ratio Exposure (LRE) at Crédit Agricole Group level.

[4] CET1 available after meeting Pillar 1, Pillar 2 requirement and resolution requirements as of 30/06/2022.

All these eligible liability items and their features can be consulted in Appendix, "Main features of regulatory own funds instruments and eligible liabilities instruments (EU CCA)", available at <https://www.credit-agricole.com/en/finance/finance/financial-publications>

Ranking in the creditor hierarchy at the level of the resolution entity Crédit Agricole S.A. (EU-TLAC3)

The table below provides information required by Article 437a (a) and (b) of CRR2 and Article 45i-3-(b) of BRRD2. It presents, at the level of the resolution entity Crédit Agricole S.A., the breakdown of own funds and liabilities based on their maturities and TLAC-eligibility, as well as their ranking in the creditor hierarchy in normal insolvency proceedings.

EU TLAC3: creditor ranking at the level of the resolution entity Crédit Agricole SA						
30/06/2022		Insolvency ranking				
0		1 (most junior)	2	3	4 (most senior)	
1	Description of insolvency rank	Equity [1]	Deeply subordinated and subordinated notes [2]	Subordinated claims of higher rank [3]	Senior non-preferred unsecured claims [4]	Sum of 1 to 4
2	Liabilities and own funds	55 843	27 879	0	29 724	113 446
3	of which excluded liabilities	0	0	0	0	0
4	Liabilities and own funds less excluded liabilities	55 843	27 879	0	29 724	113 446
5	Subset of row 4 that are own funds and liabilities potentially eligible for meeting TLAC [5]	55 843	27 651	0	26 315	109 809
6	of which residual maturity ≥ 1 year < 2 years	0	456	0	2 046	2 502
7	of which residual maturity ≥ 2 year < 5 years	0	10 795	0	12 948	23 744
8	of which residual maturity ≥ 5 years < 10 years	0	5 900	0	9 289	15 189
9	of which residual maturity ≥ 10 years, but excluding perpetual securities	0	3 908	0	2 032	5 939
10	of which perpetual securities	55 843	6 592	0	0	62 435

[1] Equity excluding Fund for General Banking Risk.

[2] Subordinated claims issued before 28/12/2020 which are or have been recognized as Additional Tier 1 and Tier 2 instruments, as well as subordinated claims issued since 28/12/2020 which are fully or partially recognized as Additional Tier 1 and Tier 2.

[3] Subordinated claims ranking above rank 2 as referred to in article L613-30-3-I-5° of the Monetary and Financial Code, issued since 28/12/2020 and fully excluded from own funds. This rank was introduced following the transposition into French law of article 48(7) BRRD2 by way of Ordinance n° 2020-1636 of December 21, 2020.

[4] Senior non preferred claims in accordance with article L613-30-3-I-4° of the Monetary and Financial Code.

[5] Instruments with a residual maturity below one year, as well as instruments issued towards entities within the resolution groupe are not included in eligible liabilities for meeting TLAC.

2. COMPOSITION AND CHANGES IN RISK-WEIGHTED ASSETS

2.1 Summary of risk-weighted assets

2.1.1 Risk-weighted assets by type of risks (OV1)

Risk-weighted assets for credit risk, market risk and operational risk amount to € 579.5 billion at 30 June 2022 compared with € 585.4 billion at 31 December 2021.

30/06/2022		Total risk exposure amounts (RWA)			Total own funds requirements
		30/06/2022	31/03/2022	31/12/2021	30/06/2022
1	Credit risk (excluding CCR)	468,666	481,190	479,724	37,493
2	Of which the standardised approach	120,733	122,691	136,748	9,659
3	Of which the Foundation IRB (F-IRB) approach	104,844	99,064	86,032	8,387
4	Of which slotting approach	-	-	-	-
EU 4a	Of which equities under the simple risk weighted approach	51,363	68,953	74,805	4,109
5	Of which the Advanced IRB (A-IRB) approach	184,940	183,674	175,192	14,795
6	Counterparty credit risk - CCR	26,361	25,838	23,699	2,109
7	Of which the standardised approach	4,659	5,008	4,476	373
8	Of which internal model method (IMM)	11,400	10,877	10,131	912
EU 8a	Of which exposures to a CCP	425	460	435	34
EU 8b	Of which credit valuation adjustment - CVA	5,688	5,195	4,864	455
9	Of which other CCR	4,190	4,298	3,792	335
15	Settlement risk	33	15	15	3
16	Securitisation exposures in the non-trading book (after the cap)	11,048	10,739	10,456	884
17	Of which SEC-IRBA approach	3,722	3,106	3,180	298
18	Of which SEC-ERBA (including IAA)	5,854	6,117	5,895	468
19	Of which SEC-SA approach	1,473	1,516	1,382	118
EU 19a	Of which 1250%	-	0	0	-
20	Position, foreign exchange and commodities risks (Market risk)	13,844	14,840	12,881	1,108
21	Of which the standardised approach	4,715	6,980	5,472	377
22	Of which IMA	9,129	7,859	7,409	730
EU 22a	Large exposures	-	-	-	-
23	Operational risk	59,566	59,338	58,666	4,765
EU 23a	Of which basic indicator approach	-	-	-	-
EU 23b	Of which standardised approach	13,813	13,632	12,968	1,105
EU 23c	Of which advanced measurement approach	45,754	45,706	45,698	3,660
24	Amounts below the thresholds for deduction (subject to 250% risk weight)	13,424	13,122	13,258	1,074
29	TOTAL	579,519	591,960	585,441	46,361

2.1.2 Operating segment information

30/06/2022 (in millions of euros)	Credit risk				Credit risk	Credit valuation adjustment risk	Operational Risk	Market risk	Total risk-weighted assets
	Standardised approach	Weighting approach IRB	IRB Approach ⁽¹⁾	Contributions to a CCP default fund					
French retail banking	22,922	22,787	189,230	-	234,938	90	24,877	69	259,975
International retail banking	38,931	1,082	7,587	-	47,601	18	5,186	331	53,136
Asset gathering and insurance	6,945	24,534	1,016	-	32,495	475	7,750	82	40,803
Specialized financial services	35,408	1,961	19,416	-	56,784	237	4,034	11	61,066
Large customers	15,695	1,359	94,342	227	111,622	4,867	16,749	10,295	143,533
Corporate center	6,910	6,427	3,644	-	16,981	-	969	3,056	21,005
TOTAL RISK-WEIGHTED ASSETS	126,811	58,149	315,234	227	500,421	5,688	59,566	13,844	579,519

(1) Advanced IRB or Foundation IRB approach depending on business lines.

31/12/2021 (in millions of euros)	Credit risk				Credit risk	Credit valuation adjustment risk	Operational Risk	Market risk	Total risk-weighted assets
	Standardised approach	Weighting approach IRB	IRB Approach ⁽¹⁾	Contributions to a CCP default fund					
French retail banking	43,109	23,874	164,953	-	231,935	275	24,596	40	256,847
International retail banking	38,223	935	8,650	-	47,808	114	4,846	299	53,068
Asset gathering and insurance	7,311	47,332	921	-	55,564	514	7,646	111	63,835
Specialized financial services	32,609	1,783	18,583	-	52,975	52	3,888	3	56,918
Large customers	14,568	1,573	87,229	245	103,615	3,909	16,814	9,193	133,531
Corporate center	6,770	6,255	4,106	-	17,131	-	876	3,235	21,242
TOTAL RISK-WEIGHTED ASSETS	142,590	81,752	284,442	245	509,029	4,864	58,666	12,881	585,441

(1) Advanced IRB or Foundation IRB approach depending on business lines.

2.1.3 Trends in risk-weighted assets

The table below shows the changes in Crédit Agricole Group's risk-weighted assets in first-half 2022 :

(in millions of euros)	31/12/2021	Foreign exchange	Organic change and optimisation	Equity-accounted value Insurance	Scope	Method and regulatory changes	Total variation 2022	30/06/2022
Credit risk	509,029	2,793	15,797	(22,894)	(357)	(3,947)	(8,608)	500,421
of which Equity risk	81,752	-	(931)	(22,894)	222	-	(23,603)	58,149
CVA	4,864	-	823	-	-	-	823	5,688
Market risk	12,881	-	962	-	-	-	962	13,844
Operational risk	58,666	-	900	-	-	-	900	59,566
TOTAL	585,441	2,793	18,483	(22,894)	(357)	(3,947)	(5,922)	579,519

Risk-weighted assets totaled €579.5 billion at 30 June 2022, a decrease by €5.9 billion (-1.0%) over the first semester due to the evolution of equity stake in Insurance companies (-€22.9 billion in line with the decrease of OCI and the payment of an exceptional dividend on Q2). This evolution is partially offset by :

- The growth of business lines (+€18.5 billion), in particular in the Large Customers division (+€6.6 billion), Retail Banking (+€8.3 billion) and Specialized Financial Services (+€4.3 billion) ;
- Negative forex (+€2.8 billion) due to the evolution of euro/dollar exchange rate over the semester (1.04 at end of June 2022 vs 1.13 at end of December 2021).

2.2 Credit and counterparty risk

2.2.1 General overview of credit and counterparty risk

2.2.1.1 Exposures by type of risk

The table below shows Crédit Agricole Group's exposure to global risk (credit, counterparty, dilution, settlement and delivery) by exposure class for the standardised and internal ratings-based approaches at 30 June 2022 and at 31 December 2021.

The exposure classes under the standardised approach are grouped together to ensure the presentation aligns with the IRB exposures.

OVERALL RISK EXPOSURE (CREDIT, COUNTERPARTY, DILUTION, SETTLEMENT AND DELIVERY) AT 30 JUNE 2022

30/06/2022	Standardised				IRB				Total				
	Gross exposure ⁽¹⁾	Gross exposure after CRM ⁽²⁾	EAD	RWA	Gross exposure ⁽¹⁾	Gross exposure after CRM ⁽²⁾	EAD	RWA	Gross exposure ⁽¹⁾	Gross exposure after CRM ⁽²⁾	EAD	RWA	Capital requirement
<i>(in billions of euros)</i>													
Central governments or central banks	95.9	97.3	97.1	8.5	368.2	398.6	394.8	3.6	464.1	495.8	491.9	12.1	1.0
Institutions	41.1	62.4	58.8	10.0	102.6	109.8	104.3	16.9	143.8	172.2	163.1	26.9	2.2
Corporates	140.2	115.3	81.5	61.1	498.9	440.4	378.7	169.8	639.1	555.7	460.2	231.0	18.5
Retail customers	46.0	42.1	38.2	23.2	741.9	742.0	753.0	115.3	788.0	784.1	791.2	138.6	11.1
Loans to individuals	29.3	27.7	26.0	16.3	588.2	588.2	594.3	73.9	617.5	616.0	620.4	90.2	7.2
o/w secured by real estate assets	9.2	8.9	8.8	3.5	442.9	442.9	442.9	41.2	452.1	451.8	451.7	44.7	3.6
o/w revolving	2.3	2.1	1.0	0.8	19.9	19.9	24.7	4.7	22.1	22.0	25.8	5.5	0.4
o/w other	17.9	16.7	16.2	12.0	125.4	125.5	126.7	28.1	143.3	142.2	142.9	40.1	3.2
Loans to small and medium businesses	16.7	14.4	12.2	7.0	153.7	153.7	158.6	41.4	170.5	168.1	170.8	48.4	3.9
o/w secured by real estate assets	0.9	0.9	0.8	0.3	27.7	27.7	27.7	7.2	28.7	28.6	28.5	7.5	0.6
o/w other	15.8	13.4	11.4	6.7	126.0	126.0	130.9	34.2	141.8	139.5	142.3	40.9	3.3
Shares	1.8		1.8	2.0	15.4		15.3	51.4	17.2		17.1	53.4	4.3
Securitisations	6.3		4.9	1.5	54.0		54.0	9.6	60.3		58.9	11.0	0.9
Assets other than credit obligation	26.2		25.9	20.4	-		-	-	26.2		25.9	20.4	1.6
TOTAL	357.4		308.2	126.8	1,781.2		1,700.1	366.6	2,138.6		2,008.3	493.4	39.5

(1) Initial gross exposure.

(2) Gross exposure after credit risk mitigation (CRM).

OVERALL RISK EXPOSURE (CREDIT, COUNTERPARTY, DILUTION, SETTLEMENT AND DELIVERY) AT 31 DECEMBER 2021

31/12/2021	Standardised				IRB				Total				
	Gross exposure ⁽¹⁾	Gross exposure after CRM ⁽²⁾	EAD	RWA	Gross exposure ⁽¹⁾	Gross exposure after CRM ⁽²⁾	EAD	RWA	Gross exposure ⁽¹⁾	Gross exposure after CRM ⁽²⁾	EAD	RWA	Capital requirement
<i>(in billions of euros)</i>													
Central governments or central banks	115.3	117.0	116.9	8.8	330.6	353.1	350.3	2.9	445.8	470.0	467.1	11.7	0.9
Institutions	35.9	55.4	53.0	8.5	98.1	109.4	99.0	17.1	134.0	164.8	152.0	25.6	2.0
Corporates	155.7	131.7	102.7	78.7	453.0	403.6	340.4	146.5	608.8	535.3	443.1	225.2	18.0
Retail customers	44.3	40.7	37.8	22.9	717.5	717.5	728.4	108.9	761.8	758.2	766.3	131.8	10.5
Loans to individuals	28.9	27.3	25.7	15.9	572.1	572.1	578.2	70.5	601.1	599.4	603.9	86.4	6.9
o/w secured by real estate assets	9.5	9.2	9.1	3.6	431.8	431.8	431.8	39.5	441.3	441.0	440.9	43.1	3.5
o/w revolving	2.5	2.4	1.1	0.9	19.7	19.7	24.7	4.5	22.2	22.1	25.8	5.3	0.4
o/w other	17.0	15.8	15.4	11.4	120.6	120.6	121.7	26.5	137.6	136.4	137.2	37.9	3.0
Loans to small and medium businesses	15.3	13.4	12.1	7.0	145.4	145.4	150.3	38.4	160.7	158.8	162.4	45.4	3.6
o/w secured by real estate assets	0.8	0.8	0.6	0.2	26.4	26.4	26.5	7.2	27.2	27.2	27.1	7.5	0.6
o/w other	14.5	12.6	11.5	6.7	119.0	119.0	123.8	31.2	133.5	131.6	135.4	37.9	3.0
Shares	1.6		1.6	1.9	21.7		21.6	74.8	23.3		23.2	76.7	6.1
Securitisations	6.2		4.9	1.4	49.5		49.5	9.1	55.7		54.4	10.5	0.8
Assets other than credit obligation	26.3		26.1	20.4	-		-	-	26.3		26.1	20.4	1.6
TOTAL	385.3		343.0	142.6	1,670.4		1,589.2	359.2	2,055.7		1,932.3	501.8	40.1

(1) Initial gross exposure.

(2) Gross exposure after credit risk mitigation (CRM).

Measured in terms of gross exposure, the group's total outstanding amounts were up +4.0% reflecting the favourable business climate in the main business lines.

The main portfolio remains the Retail customers category with total gross exposure of €788.0 billion at the end of June 2022 (compared with €761.8 billion at the end of 2021).

The "Central governments or central banks" exposure class grew by 4.1% mainly due to the increase in deposits with central banks.

RWA density (defined as the ratio of risk-weighted asset/EAD) was 17.5%% on average for Retail customers and 50.2%% for Corporates at 30 June 2022.

2.2.1.2 Loans, receivables and debt securities by maturity

MATURITY OF EXPOSURES (CR1-A)

30/06/2022		Net exposure value on balance sheet					
		On demand	<= 1 year	> 1 year <= 5 years	> 5 years	No stated maturity	Total
<i>(in millions of euros)</i>							
1	Loans and advances	148	381,075	423,565	429,691	3,392	1,237,871
2	Debt securities	-	45,847	80,875	54,487	9,476	190,685
3	TOTAL	148	426,922	504,440	484,178	12,869	1,428,556

31/12/2021		Net exposure value on balance sheet					
		On demand	<= 1 year	> 1 year <= 5 years	> 5 years	No stated maturity	Total
<i>(in millions of euros)</i>							
1	Prêts et avances	195	369,662	394,207	412,284	3,231	1,179,578
2	Titres de créances	-	47,929	69,295	56,564	8,315	182,102
3	TOTAL	195	417,591	463,502	468,847	11,545	1,361,680

2.2.1.3 Default exposures and value adjustments

PERFORMING AND NON-PERFORMING EXPOSURES AND RELATED PROVISIONS (CR1)

30/06/2022

(in millions of euros)

30/06/2022 (in millions of euros)		Gross carrying amount/nominal amount						Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions						Accumulated partial write-off	Collateral and financial guarantees received	
		Performing exposures			Non-performing exposures			Performing exposures – accumulated impairment and provisions			Non-performing exposures – accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions				On performing exposures	On non-performing exposures
		Of which bucket 1	Of which bucket 2		Of which bucket 2	Of which bucket 3		Of which bucket 1	Of which bucket 2		Of which bucket 2	Of which bucket 3				
005	Cash balances at central banks and other demand deposits	259,972	259,972	0	18		18	(8)	(8)			(18)			45	
010	Loans and advances	1,187,329	1,074,359	112,778	22,974	145	22,823	(8,394)	(2,773)	(5,621)	(11,656)	(16)	(11,639)		668,070	6,754
020	Central banks		863					(0)	(0)							
030	General governments	42,198	41,021	1,177	200	0	199	(41)	(31)	(10)	(46)		(46)		4,364	121
040	Credit institutions	94,335	94,231	104	500		500	(43)	(39)	(4)	(378)		(378)		423	
050	Other financial corporations	35,048	32,651	2,374	734	1	732	(333)	(171)	(162)	(583)	(0)	(583)		9,849	69
060	Non-financial corporations	426,005	358,768	67,202	13,107	61	13,044	(5,125)	(1,628)	(3,496)	(6,466)	(7)	(6,460)		204,963	3,981
070	Of which SMEs	209,369	178,129	31,205	7,737	52	7,684	(3,279)	(1,246)	(2,033)	(4,595)	(6)	(4,589)		113,998	2,226
080	Households	588,880	546,823	41,921	8,434	82	8,347	(2,853)	(904)	(1,949)	(4,182)	(10)	(4,172)		448,471	2,584
090	Debt Securities	151,948	143,427	1,073	101	0	87	(97)	(84)	(13)	(83)		(83)		2,315	0
100	Central banks	4,802	4,331	471				(5)	(3)	(2)						
110	General governments	80,740	80,413	325				(58)	(55)	(3)					1,631	
120	Credit institutions	32,802	32,724	5	5		5	(17)	(17)	(0)	(5)		(5)		383	
130	Other financial corporations	17,397	10,374	22	7	0		(5)	(4)	(0)	-				70	0
140	Non-financial corporations	16,207	15,585	250	89	0	82	(13)	(5)	(8)	(77)		(77)		231	
150	Off-balance sheet exposures	787,770	766,665	21,106	2,896	2	2,894	(1,325)	(555)	(770)	(482)	(0)	(481)		41,870	269
160	Central banks	282,740	282,740					(0)	(0)							
170	General governments	27,008	26,299	708	0		0	(9)	(5)	(3)					1,920	
180	Credit institutions	97,603	97,475	128	30		30	(14)	(13)	(1)	(21)		(21)		268	-
190	Other financial corporations	100,160	99,022	1,138	1,455	0	1,455	(76)	(32)	(45)	(14)		(14)		1,117	0
200	Non-financial corporations	232,247	214,928	17,318	1,307	1	1,306	(1,071)	(428)	(643)	(421)	(0)	(421)		26,028	258
210	Households	48,014	46,200	1,814	103	1	102	(155)	(77)	(78)	(25)	(0)	(25)		12,536	11
220	TOTAL	2,387,019	2,244,422	134,957	25,989	147	25,822	(9,825)	(3,420)	(6,405)	(12,238)	(16)	(12,222)		712,299	7,023

31/12/2021

(in millions of euros)

31/12/2021 (in millions of euros)		Gross carrying amount/nominal amount						Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions						Accumulated partial write-off	Collateral and financial guarantees received	
		Performing exposures			Non-performing exposures			Performing exposures – accumulated impairment and provisions			Non-performing exposures – accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions				On performing exposures	On non-performing exposures
			Of which bucket 1	Of which bucket 2		Of which bucket 2	Of which bucket 3		Of which bucket 1	Of which bucket 2		Of which bucket 2	Of which bucket 3			
005	Cash balances at central banks and other demand deposits	245,056	245,056	0	17		17	(2)	(2)		(17)		(17)		20	
010	Loans and advances	1,147,547	1,042,607	104,731	22,504	237	22,260	(7,567)	(2,585)	(4,981)	(11,946)	(30)	(11,916)		658,528	7,090
020	Central banks	672	672					(0)	(0)							
030	General governments	42,328	41,153	1,175	85	2	83	(45)	(34)	(11)	(41)	(0)	(41)		3,944	16
040	Credit institutions	87,835	87,779	56	419		419	(35)	(35)	(1)	(366)		(366)		3,947	
050	Other financial corporations	38,139	35,386	2,729	859	2	857	(319)	(146)	(172)	(654)	(0)	(654)		17,874	79
060	Non-financial corporations	401,355	340,467	60,844	12,342	117	12,224	(4,285)	(1,483)	(2,802)	(6,341)	(14)	(6,327)		194,844	4,111
070	Of which: SMEs	198,770	168,452	30,275	7,451	107	7,343	(2,982)	(1,073)	(1,909)	(4,345)	(13)	(4,331)		110,820	2,122
080	Households	577,218	537,151	39,928	8,799	116	8,677	(2,883)	(887)	(1,996)	(4,543)	(15)	(4,528)		437,920	2,884
090	Debt Securities	158,230	147,742	976	106	2	88	(84)	(74)	(10)	(83)	(0)	(83)		2,554	0
100	Central banks	4,869	4,434	434				(3)	(1)	(1)						
110	General governments	83,126	82,784	341				(51)	(48)	(3)					1,700	
120	Credit institutions	35,398	35,233	5	5	0	5	(18)	(18)	(0)	(5)		(5)		526	
130	Other financial corporations	18,046	8,994	13	9		1	(2)	(2)		-				75	0
140	Non-financial corporations	16,791	16,296	182	92	2	83	(11)	(5)	(6)	(78)	(0)	(78)		253	
150	Off-balance sheet exposures	791,298	771,236	20,062	2,175	20	2,155	(1,295)	(532)	(763)	(548)	(7)	(542)		40,179	208
160	Central banks	299,349	299,349					(0)	(0)							
170	General governments	19,615	18,724	891	4		4	(8)	(4)	(4)					2,437	
180	Credit institutions	103,266	103,235	32	21		21	(12)	(12)	(0)	(24)		(24)		159	-
190	Other financial corporations	82,782	81,031	1,751	655	0	655	(150)	(58)	(92)	(20)		(20)		1,246	2
200	Non-financial corporations	242,142	226,357	15,785	1,367	1	1,366	(985)	(387)	(598)	(448)	(0)	(448)		24,977	193
210	Households	44,144	42,541	1,603	128	18	110	(139)	(70)	(69)	(56)	(7)	(49)		11,359	13
220	TOTAL	2,342,130	2,206,641	125,769	24,802	259	24,521	(8,947)	(3,192)	(5,755)	(12,594)	(37)	(12,557)		701,281	7,298

CHANGES IN THE STOCK OF NON-PERFORMING LOANS AND ADVANCES (CR2)

30/06/2022 (in millions of euros)		Gross carrying amount
1	Initial stock of non-performing loans and advances (31/12/2021)	22,504
2	Inflows to non-performing portfolios	5,903
3	Outflows from non-performing portfolios	(5,434)
4	Outflows due to write-offs	
5	Outflow due to other situations	
6	Final stock of non-performing loans and advances (30/06/2022)	22,974

CREDIT QUALITY OF FORBONE EXPOSURES (CQ1)

30/06/2022		Gross carrying amount/nominal amount of exposures with forbearance measures				Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions		Collateral received and financial guarantees received on forbone exposures	
		Performing forbone	Non-performing forbone		Of which defaulted	Of which impaired	On performing forbone exposures	On non-performing forbone exposures	Of which collateral and financial guarantees received on non-performing exposures with forbearance measures
(in millions of euros)									
005	Cash balances at central banks and other demand deposits	-	-	-	-	-	-	-	-
010	Loans and advances	6,870	8,337	8,199	8,199	(545)	(3,337)	7,547	2,869
020	Central banks	0	-	-	-	-	-	-	-
030	General governments	67	5	5	5	(1)	(3)	0	0
040	Credit institutions	-	46	46	46	-	(26)	-	-
050	Other financial corporations	97	138	137	137	(9)	(77)	104	42
060	Non-financial corporations	4,553	5,531	5,481	5,481	(383)	(2,173)	5,200	2,061
070	Households	2,153	2,617	2,531	2,531	(153)	(1,058)	2,242	766
080	Debt Securities	-	5	5	1	-	(1)	-	-
090	Loan commitments given	481	155	149	149	(30)	(20)	213	16
100	TOTAL	7,351	8,497	8,353	8,349	(576)	(3,358)	7,760	2,886

31/12/2021		Gross carrying amount/nominal amount of exposures with forbearance measures				Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions		Collateral received and financial guarantees received on forbone exposures	
		Performing forbone	Non-performing forbone		Of which defaulted	Of which impaired	On performing forbone exposures	On non-performing forbone exposures	Of which collateral and financial guarantees received on non-performing exposures with forbearance measures
(in millions of euros)									
005	Cash balances at central banks and other demand deposits	-	-	-	-	-	-	-	-
010	Loans and advances	7,264	8,362	8,101	8,101	(601)	(3,470)	7,899	3,101
020	Central banks	0	-	-	-	-	-	-	-
030	General governments	65	8	6	6	(2)	(4)	22	0
040	Credit institutions	-	46	45	45	-	(26)	-	-
050	Other financial corporations	106	144	142	142	(11)	(81)	115	44
060	Non-financial corporations	4,839	5,460	5,363	5,363	(430)	(2,269)	5,470	2,317
070	Households	2,253	2,703	2,545	2,545	(158)	(1,090)	2,292	740
080	Debt Securities	-	5	5	1	-	(1)	-	-
090	Loan commitments given	351	133	126	126	(23)	(25)	166	43
100	TOTAL	7,615	8,499	8,232	8,228	(624)	(3,495)	8,065	3,145

QUALITY OF NON-PERFORMING EXPOSURES BY GEOGRAPHY (CQ4)

30/06/2022	Gross carrying/nominal amount				Accumulated impairment	Provisions on off-balance-sheet commitments and financial guarantees given	Accumulated negative changes in fair value due to credit risk on non-performing exposures
		Of which non-performing	Of which subject to impairment				
		Of which defaulted					
(in millions of euros)							
On balance sheet exposures	1,362,352	23,075	22,914	1,354,692	(20,229)		-
Europe	1,239,072	19,984	19,824	1,231,494	(18,336)		-
France	985,110	14,300	14,157	978,719	(13,508)		-
Italy	111,375	3,263	3,262	111,218	(2,474)		-
Germany	27,382	347	347	27,377	(337)		-
Luxembourg	20,496	44	43	19,702	(91)		-
United Kingdom	14,206	57	57	14,185	(97)		-
Spain	7,878	193	191	7,878	(177)		-
Switzerland	12,059	127	127	12,056	(109)		-
Netherland	13,686	132	132	13,684	(163)		-
Poland	9,652	378	367	9,512	(371)		-
Other European countries	37,228	1,143	1,141	37,164	(1,009)		-
Asia and Oceania	48,154	663	663	48,127	(308)		-
Japan	7,702	119	119	7,702	(53)		-
Other Asia and Oceania	40,453	545	545	40,425	(255)		-
North America	37,736	323	323	37,694	(276)		-
USA	30,301	269	269	30,259	(195)		-
Other Northern America	7,435	54	54	7,435	(81)		-
Central and South America	12,972	1,414	1,414	12,971	(747)		-
Africa and Middle East	19,942	690	690	19,931	(562)		-
Rest of the World	4,475	-	0	4,475	(1)		-
Off balance sheet exposures	790,666	2,896	2,894			1,807	
Europe	677,935	2,784	2,782			1,565	
France	555,755	633	631			1,211	
Italy	24,728	1,523	1,523			101	
Germany	16,094	3	3			26	
Luxembourg	13,057	0	0			6	
United Kingdom	24,682	1	1			37	
Spain	5,529	57	57			28	
Switzerland	8,900	2	2			6	
Netherland	8,151	430	430			78	
Poland	1,716	11	11			9	
Other European countries	19,322	125	125			64	
Asia and Oceania	26,276	2	2			28	
Japan	4,614	0	0			0	
Other Asia and Oceania	21,661	2	2			28	
North America	68,100	11	11			156	
USA	63,776	0	0			146	
Other Northern America	4,324	11	11			10	
Central and South America	5,261	52	52			37	
Africa and Middle East	10,455	46	46			21	
Rest of the World	2,641	-	-			(0)	
TOTAL	2,153,018	25,971	25,808	1,354,692	(20,229)	1,807	

31/12/2021

(in millions of euros)

31/12/2021	Gross carrying/nominal amount				Accumulated impairment	Provisions on off-balance-sheet commitments and financial guarantees given	Accumulated negative changes in fair value due to credit risk on non-performing exposures
		Of which non-performing	Of which subject to impairment				
		Of which defaulted					
(in millions of euros)							
On balance sheet exposures	1,328,386	22,610	22,353	1,318,644	(19,680)		-
Europe	1,207,964	19,434	19,226	1,198,330	(17,421)		-
France	955,767	14,300	14,110	947,376	(13,332)		-
Italy	111,667	3,176	3,173	111,488	(2,367)		-
Germany	27,687	344	344	27,681	(318)		-
Luxembourg	17,719	49	48	16,906	(105)		-
United Kingdom	14,939	62	62	14,918	(105)		-
Spain	8,129	183	181	8,129	(170)		-
Switzerland	12,176	97	97	12,172	(71)		-
Netherland	13,186	144	144	13,184	(160)		-
Poland	9,654	403	392	9,508	(375)		-
Other European countries	37,040	676	676	36,968	(419)		-
Asia and Oceania	46,792	397	397	46,767	(279)		-
Japan	7,438	130	130	7,438	(65)		-
Other Asia and Oceania	39,354	267	267	39,328	(214)		-
North America	33,003	239	239	32,960	(289)		-
USA	26,425	187	187	26,382	(210)		-
Other Northern America	6,578	52	52	6,578	(79)		-
Central and South America	11,738	1,384	1,384	11,737	(775)		-
Africa and Middle East	24,759	1,156	1,106	24,719	(914)		-
Rest of the World	4,131	(0)	-	4,131	(1)		-
Off balance sheet exposures	793,477	2,175	2,155			1,843	
Europe	689,797	2,034	2,031			1,531	
France	574,601	691	689			1,185	
Italy	26,121	743	743			99	
Germany	13,507	21	21			37	
Luxembourg	12,708	-	-			10	
United Kingdom	21,389	0	0			38	
Spain	4,512	59	59			33	
Switzerland	9,332	3	3			6	
Netherland	8,111	399	399			66	
Poland	1,846	13	13			10	
Other European countries	17,669	105	105			49	
Asia and Oceania	23,955	6	6			24	
Japan	4,022	0	0			0	
Other Asia and Oceania	19,933	6	6			23	
North America	61,151	14	14			200	
USA	56,287	4	4			189	
Other Northern America	4,865	10	10			11	
Central and South America	5,405	42	42			32	
Africa and Middle East	10,636	79	62			56	
Rest of the World	2,533	(0)	(0)			0	
TOTAL	2,121,863	24,785	24,508	1,318,644	(19,680)	1,843	

CREDIT QUALITY OF LOANS AND ADVANCES BY INDUSTRY (CQ5)

30/06/2022

30/06/2022		Gross carrying amount				Accumulated impairment	Accumulated negative changes in fair value due to credit risk on non-performing exposures
			Of which non-performing	Of which loans and advances subject to impairment			
			Of which defaulted				
(in millions of euros)							
010	Agriculture, forestry and fishing	36,846	1,266	1,255	36,845	(1,604)	-
020	Mining and quarrying	11,880	458	458	11,880	(305)	-
030	Manufacturing	77,135	1,534	1,527	77,124	(1,127)	-
040	Electricity, gas, steam and air conditioning supply	24,864	163	161	24,864	(272)	-
050	Water supply	2,876	52	52	2,876	(45)	-
060	Construction	14,988	1,059	1,056	14,988	(804)	-
070	Wholesale and retail trade	52,938	1,699	1,687	52,938	(1,576)	-
080	Transport and storage	28,091	1,825	1,823	28,091	(711)	-
090	Accommodation and food service activities	12,800	938	934	12,800	(985)	-
100	Information and communication	13,117	147	147	13,117	(127)	-
105	Financial and insurance activities	25,199	264	264	25,190	(344)	-
110	Real estate activities	82,458	1,973	1,957	82,445	(2,013)	-
120	Professional, scientific and technical activities	24,360	842	839	24,360	(764)	-
130	Administrative and support service activities	12,327	312	312	12,327	(239)	-
140	Public administration and defense, compulsory social security	1,638	13	13	1,638	(12)	-
150	Education	571	26	26	571	(19)	-
160	Human health services and social work activities	6,277	128	127	6,277	(201)	-
170	Arts, entertainment and recreation	1,681	130	130	1,681	(95)	-
180	Other services	9,065	277	276	9,063	(347)	-
190	TOTAL	439,112	13,107	13,044	439,076	(11,591)	-

31/12/2021

31/12/2021		Gross carrying amount				Accumulated impairment	Accumulated negative changes in fair value due to credit risk on non-performing exposures
			Of which non-performing	Of which loans and advances subject to impairment			
			Of which defaulted				
(in millions of euros)							
010	Agriculture, forestry and fishing	34,753	1,201	1,183	34,752	(1,294)	-
020	Mining and quarrying	11,255	109	109	11,255	(120)	-
030	Manufacturing	69,111	1,376	1,350	69,096	(1,135)	-
040	Electricity, gas, steam and air conditioning supply	20,431	170	170	20,431	(238)	-
050	Water supply	2,502	52	52	2,502	(47)	-
060	Construction	14,530	812	810	14,523	(666)	-
070	Wholesale and retail trade	53,888	1,633	1,623	53,888	(1,479)	-
080	Transport and storage	27,602	1,829	1,828	27,602	(787)	-
090	Accommodation and food service activities	12,836	932	911	12,836	(893)	-
100	Information and communication	11,032	167	167	11,032	(118)	-
105	Financial and insurance activities	22,351	483	483	22,342	(469)	-
110	Real estate activities	77,148	1,515	1,494	77,137	(1,637)	-
120	Professional, scientific and technical activities	23,562	953	952	23,562	(770)	-
130	Administrative and support service activities	13,162	278	278	13,161	(257)	-
140	Public administration and defense, compulsory social security	2,101	42	42	2,101	(33)	-
150	Education	572	20	19	572	(22)	-
160	Human health services and social work activities	6,346	120	119	6,346	(96)	-
170	Arts, entertainment and recreation	1,743	130	130	1,743	(98)	-
180	Other services	8,772	520	506	8,772	(466)	-
190	TOTAL	413,697	12,342	12,224	413,652	(10,626)	-

In accordance with Implementing Regulation (EU) No. 2021/637, the table (EU CQ5) shows the breakdown of loans and receivables within the scope of non-financial corporations. It does not include other exposures within the scope of financial companies, namely debt securities, assets held for sale and off-balance sheet commitments. It does not take into account all exposures to central governments and central banks, credit institutions and households.

COLLATERAL OBTAINED BY TAKING POSSESSION AND EXECUTION PROCESSES (CQ7)

		30/06/2022		31/12/2021	
		Collateral obtained by taking possession		Collateral obtained by taking possession	
		Value at initial recognition	Accumulated negative changes	Value at initial recognition	Accumulated negative changes
<i>(in millions of euros)</i>					
010	Property, plant and equipment (PP&E)	2	(0)	2	(0)
020	Other than PP&E	201	(132)	210	(136)
030	<i>Residential immovable property</i>	31	(11)	35	(13)
040	<i>Commercial Immovable property</i>	53	(30)	60	(33)
050	<i>Movable property (auto, shipping, etc.)</i>	113	(90)	112	(89)
060	<i>Equity and debt instruments</i>	-	-	-	-
070	<i>Other collateral</i>	3	(1)	3	(1)
080	TOTAL	202	(132)	212	(136)

2.2.2 Credit risk

2.2.2.1 Exposures under the standardised approach

STANDARDISED APPROACH - CREDIT RISK EXPOSURE AND CRM EFFECTS (CR4)

30/06/2022		Exposures before CCF and before CRM		Exposures post CCF and post CRM		RWA and RWA density	
Exposure classes		On-balance-sheet exposures	Off-balance-sheet exposures	On-balance-sheet exposures	Off-balance-sheet exposures	RWA	RWA density (%)
(in millions of euros)							
1	Central governments or central banks	90,081	123	91,405	67	8,520	9.31%
2	Regional government or local authorities	904	497	904	46	115	12.14%
3	Public sector entities	4,702	96	4,736	32	389	8.17%
4	Multilateral development banks	388	40	429	20	31	6.81%
5	International organisations	1,079	-	1,079	-	-	-
6	Banks (Institutions)	18,930	6,080	40,223	2,993	7,165	16.58%
7	Corporates	75,609	29,948	52,769	6,014	48,485	82.48%
8	Retail	29,723	4,532	27,302	821	18,850	67.03%
9	Secured by mortgages on immovable property	11,967	317	11,858	105	4,793	40.07%
10	Exposures in default	1,431	190	1,223	94	1,587	120.42%
11	Exposures associated with particularly high risk	611	85	599	40	958	150.00%
12	Covered bonds	1,238	-	1,238	-	189	15.26%
13	Institutions and corporates with a short-term credit assessment	-	-	-	-	-	-
14	Collective investment undertakings	9,855	16,372	9,855	6,474	7,323	44.85%
15	Equity	1,762	0	1,762	0	2,006	113.81%
16	Other items	25,913	3	25,913	3	20,321	78.41%
17	Total	274,192	58,284	271,294	16,711	120,733	41.92%

31/12/2021		Exposures before CCF and before CRM		Exposures post CCF and post CRM		RWA and RWA density	
Exposure classes		On-balance-sheet exposures	Off-balance-sheet exposures	On-balance-sheet exposures	Off-balance-sheet exposures	RWA	RWA density (%)
(in millions of euros)							
1	Central governments or central banks	102,796	1,085	104,526	1,010	8,796	8.34%
2	Regional government or local authorities	969	81	1,113	53	170	14.61%
3	Public sector entities	5,030	83	5,226	55	408	7.72%
4	Multilateral development banks	447	15	453	3	24	5.33%
5	International organisations	1,105	-	1,105	-	-	-
6	Banks (Institutions)	15,410	5,116	34,756	2,730	5,897	15.73%
7	Corporates	86,125	26,864	64,786	9,612	61,999	83.34%
8	Retail	28,892	3,550	26,801	831	18,462	66.82%
9	Secured by mortgages on immovable property	12,936	300	12,825	94	5,231	40.49%
10	Exposures in default	1,506	104	1,274	46	1,575	119.37%
11	Exposures associated with particularly high risk	1,796	639	1,693	301	2,991	150.00%
12	Covered bonds	869	-	869	-	87	10.00%
13	Institutions and corporates with a short-term credit assessment	-	-	-	-	-	-
14	Collective investment undertakings	12,351	18,779	12,351	7,284	8,824	44.94%
15	Equity	1,627	1	1,627	1	1,866	114.63%
16	Other items	26,040	4	26,040	4	20,417	78.39%
17	Total	297,899	56,621	295,443	22,023	136,748	43.08%

STANDARDISED APPROACH (CR5)

30/06/2022		Risk weight																
Exposure classes		0%	2%	4%	10%	20%	35%	50%	70%	75%	100%	150%	250%	370%	1250%	Others	Total	o/w unrated
(in millions of euros)																		
1	Central governments or central banks	85,783	-	-	-	34	-	0	-	-	3,404	521	1,732	-	-	-	91,472	91,472
2	Regional government or local authorities	374	-	-	-	576	-	-	-	-	0	-	-	-	-	-	950	950
3	Public sector entities	3,204	-	-	-	1,454	-	25	-	-	86	-	-	-	-	-	4,769	3,991
4	Multilateral development banks	418	-	-	-	-	-	-	-	-	31	-	-	-	-	-	449	449
5	International organisations	1,079	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,079	1,079
6	Banks (Institutions)	21,176	4,275	-	-	10,141	-	5,230	-	-	2,306	87	-	-	-	-	43,216	35,328
7	Corporates	-	-	-	-	6,681	-	6,539	-	-	43,197	2,367	-	-	-	-	58,783	33,538
8	Retail	-	-	-	-	-	639	-	-	27,483	-	-	-	-	-	-	28,122	28,122
9	Secured by mortgages on immovable property	-	-	-	-	-	8,050	2,881	-	1,031	-	-	-	-	-	-	11,963	11,963
10	Exposures in default	-	-	-	-	-	-	-	-	-	780	538	-	-	-	-	1,318	1,318
11	Exposures associated with particularly high risk	-	-	-	-	-	-	-	-	-	-	638	-	-	-	-	638	638
12	Covered bonds	-	-	-	1,165	-	-	-	-	-	72	-	-	-	-	-	1,238	-
13	Institutions and corporates with a short-term credit assessment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Collective investment undertakings	8,148	-	3	89	2,481	-	2,176	-	-	3,013	229	-	-	190	-	16,329	14,915
15	Equity	-	-	-	-	-	-	-	-	-	1,601	-	162	-	-	-	1,763	1,757
16	Other items	4,541	-	-	-	1,318	-	-	-	-	20,058	-	-	-	-	-	25,916	25,700
17	TOTAL	124,722	4,275	3	1,255	22,684	8,690	16,851	-	28,514	74,546	4,380	1,894	-	190	-	288,005	251,222

31/12/2021		Risk weight																
Asset classes		0%	2%	4%	10%	20%	35%	50%	70%	75%	100%	150%	250%	370%	1250%	Others	Total	o/w unrated
(in millions of euros)																		
1	Central governments or central banks	99,739	-	-	-	5	-	0	-	-	3,789	0	2,003	-	-	-	105,536	105,535
2	Regional government or local authorities	315	-	-	-	851	-	-	-	-	0	-	-	-	-	-	1,166	1,164
3	Public sector entities	3,476	-	-	-	1,734	-	20	-	-	51	-	-	-	-	-	5,281	4,506
4	Multilateral development banks	334	-	-	-	121	-	-	-	-	-	-	-	-	-	-	456	456
5	International organisations	1,105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,105	1,105
6	Banks (Institutions)	19,369	2,979	-	-	8,552	-	4,949	-	-	1,603	33	-	-	-	-	37,486	30,493
7	Corporates	-	-	-	-	6,314	-	8,286	-	-	57,424	2,375	-	-	-	-	74,398	43,751
8	Retail	-	-	-	-	-	603	-	-	27,028	-	-	-	-	-	-	27,632	27,632
9	Secured by mortgages on immovable property	-	-	-	-	-	8,355	3,476	-	1,088	-	-	-	-	-	-	12,919	12,919
10	Exposures in default	-	-	-	-	-	-	-	-	-	808	511	-	-	-	-	1,319	1,319
11	Exposures associated with particularly high risk	-	-	-	-	-	-	-	-	-	-	1,994	-	-	-	-	1,994	1,994
12	Covered bonds	-	-	-	869	-	-	-	-	-	-	-	-	-	-	-	869	-
13	Institutions and corporates with a short-term credit assessment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Collective investment undertakings	9,392	-	4	104	2,641	-	2,839	-	-	4,251	221	-	-	183	-	19,635	18,338
15	Equity	-	-	-	-	-	-	-	-	-	1,469	-	159	-	-	-	1,628	1,628
16	Other items	4,438	-	-	-	1,486	-	-	-	-	20,119	-	-	-	-	-	26,044	25,428
17	TOTAL	138,168	2,979	4	973	21,706	8,958	19,571	-	28,117	89,513	5,134	2,161	-	183	-	317,466	276,269

Exposures to the asset classes “Central governments and central banks” and “Banks (institutions)” treated under the standard approach mainly benefit from the application of a 0% weighting coefficient at end-June 2022 and at end-2021. This reflects the quality of activities carried out with high quality counterparties.

2.2.2.2 Quality of exposures under the internal ratings-based approach

CREDIT RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE FOUNDATION INTERNAL RATINGS-BASED APPROACH AT 30 JUNE 2022 (CR6)

30/06/2022	PD range	On-balance sheet exposures	Off-balance sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after supporting factors	Density of risk weighted exposure amount	Expected loss amount	Value adjustments and provisions
(in millions of euros)												
F-IRB												
Central governments and central banks	0.00 to <0.15	245,678	844	55.62%	256,438	0.00%	45.20%	2.50	908	0.35%	1	33
	0.00 to <0.10	245,660	844	55.62%	256,420	0.00%	45.20%	2.50	902	0.35%	1	33
	0.10 to <0.15	18	0	75.00%	18	0.12%	45.00%	2.50	6	34.94%	0	0
	0.15 to <0.25	601	-	-	600	0.16%	45.00%	2.50	247	41.13%	0	1
	0.25 to <0.50	44	1	62.76%	44	0.33%	44.86%	2.50	26	60.00%	0	0
	0.50 to <0.75	84	5	55.43%	86	0.60%	45.00%	2.50	69	79.98%	0	0
	0.75 to <2.50	73	3	68.22%	60	1.27%	45.00%	2.50	63	105.00%	0	1
	0.75 to <1.75	73	3	68.22%	60	1.27%	45.00%	2.50	63	105.00%	0	1
	1.75 to <2.5	-	-	-	-	-	-	-	-	-	-	-
	2.50 to <10.00	20	2	65.12%	22	3.41%	45.00%	2.50	30	140.40%	0	0
	2.5 to <5	19	1	83.51%	20	3.00%	45.00%	2.50	27	136.14%	0	0
	5 to <10	1	1	50.00%	2	8.00%	45.00%	2.50	3	188.21%	0	0
	10.00 to <100.00	28	1	75.00%	29	20.00%	45.00%	2.50	73	252.53%	3	0
	10 to <20	-	-	-	-	-	-	-	-	-	-	-
	20 to <30	28	1	75.00%	29	20.00%	45.00%	2.50	73	252.53%	3	0
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	0	-	-	0	100.00%	45.02%	2.50	-	-	0	0
	Sub-total	246,528	856	55.71%	257,280	0.00%	45.20%	2.50	1,417	0.55%	5	35
Institutions	0.00 to <0.15	45,419	4,098	52.47%	49,135	0.03%	42.12%	2.50	7,636	15.54%	7	21
	0.00 to <0.10	45,398	4,094	52.45%	49,116	0.03%	42.12%	2.50	7,629	15.53%	7	21
	0.10 to <0.15	21	4	72.86%	19	0.12%	45.00%	2.50	7	34.94%	0	0
	0.15 to <0.25	1,141	78	68.47%	1,278	0.16%	37.59%	2.50	468	36.59%	1	1
	0.25 to <0.50	651	28	53.56%	685	0.31%	44.91%	2.50	473	69.13%	1	1
	0.50 to <0.75	253	48	66.02%	284	0.60%	45.00%	2.50	247	86.90%	1	1
	0.75 to <2.50	251	46	53.12%	273	1.13%	44.92%	2.50	279	102.20%	1	4
	0.75 to <1.75	232	44	53.63%	254	1.07%	44.91%	2.50	256	100.73%	1	3
	1.75 to <2.5	18	2	41.37%	19	1.90%	45.00%	2.50	23	121.76%	0	0
	2.50 to <10.00	35	8	46.84%	39	3.70%	45.00%	2.50	61	155.62%	1	0
	2.5 to <5	24	5	49.68%	26	3.00%	45.00%	2.50	37	141.95%	0	0
	5 to <10	12	3	41.75%	13	5.12%	45.00%	2.50	24	183.44%	0	0
	10.00 to <100.00	66	9	53.72%	71	19.82%	44.93%	2.50	180	255.39%	6	0
	10 to <20	3	1	22.09%	3	12.31%	45.00%	2.50	6	252.58%	0	0
	20 to <30	63	8	57.54%	68	20.10%	44.93%	2.50	174	255.50%	6	0
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	33	1	92.01%	34	100.00%	45.00%	2.50	-	-	15	11
	Sub-total	47,848	4,316	52.93%	51,799	0.15%	42.09%	2.50	9,344	18.04%	33	41
Corporates - SME	0.00 to <0.15	4,368	1,227	60.58%	5,004	0.08%	43.70%	2.50	942	18.81%	2	9
	0.00 to <0.10	1,982	525	61.02%	2,304	0.04%	44.36%	2.50	303	13.13%	0	2
	0.10 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.15 to <0.25	121	22	56.66%	160	0.16%	41.52%	2.50	47	29.49%	0	0
	0.25 to <0.50	13,622	4,285	58.62%	15,175	0.39%	42.80%	2.50	6,508	42.89%	25	100
	0.50 to <0.75	321	66	70.48%	350	0.60%	42.45%	2.50	179	51.08%	1	1
	0.75 to <2.50	21,362	4,516	65.01%	21,777	1.12%	42.67%	2.50	14,039	64.47%	104	331
	0.75 to <1.75	21,012	4,455	64.88%	21,413	1.11%	42.66%	2.50	13,743	64.18%	101	320
	1.75 to <2.5	351	61	74.25%	364	1.91%	43.04%	2.50	296	81.34%	3	12
	2.50 to <10.00	9,395	1,568	66.41%	8,513	4.28%	42.63%	2.50	7,883	92.61%	155	401
	2.5 to <5	7,162	1,259	65.84%	6,624	3.22%	42.61%	2.50	5,723	86.39%	91	259
	5 to <10	2,233	309	68.74%	1,889	7.98%	42.70%	2.50	2,161	114.41%	64	142
	10.00 to <100.00	1,396	271	65.79%	1,222	19.00%	42.90%	2.50	1,933	158.22%	100	135
	10 to <20	538	86	56.81%	434	14.76%	43.29%	2.50	655	151.18%	28	57
	20 to <30	858	185	69.95%	788	21.34%	42.68%	2.50	1,278	162.09%	72	78
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	1,758	193	70.34%	1,576	100.00%	44.17%	2.50	-	-	696	1,156
	Sub-total	52,342	12,147	62.60%	53,777	4.61%	42.84%	2.50	31,531	58.63%	1,083	2,134
Corporates - Specialised Lending	0.00 to <0.15	138	36	56.32%	158	0.06%	42.59%	2.50	33	20.99%	0	0
	0.00 to <0.10	138	36	56.32%	158	0.06%	42.59%	2.50	33	20.99%	0	0
	0.10 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.15 to <0.25	598	82	64.16%	650	0.16%	43.04%	2.50	253	39.00%	0	1
	0.25 to <0.50	994	250	74.23%	1,168	0.30%	44.05%	2.50	654	56.02%	2	6
	0.50 to <0.75	787	300	73.29%	1,005	0.60%	44.07%	2.50	783	77.90%	3	7
	0.75 to <2.50	866	152	74.50%	976	1.13%	43.54%	2.50	919	94.20%	5	25
	0.75 to <1.75	701	105	74.46%	776	0.93%	43.84%	2.50	694	89.38%	3	16
	1.75 to <2.5	165	47	74.60%	199	1.90%	42.36%	2.50	225	112.94%	2	9
	2.50 to <10.00	30	10	75.00%	38	4.62%	42.39%	2.50	53	142.24%	1	1
	2.5 to <5	10	0	75.00%	10	3.00%	44.17%	2.50	12	122.19%	0	0
	5 to <10	21	10	75.00%	28	5.19%	41.76%	2.50	42	149.29%	1	1
	10.00 to <100.00	30	4	75.00%	33	13.65%	42.21%	2.50	69	211.98%	2	1
	10 to <20	23	4	75.00%	26	12.00%	41.48%	2.50	52	201.42%	1	1
	20 to <30	7	0	75.00%	7	20.00%	45.00%	2.50	17	252.53%	1	0
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	23	-	-	23	100.00%	45.00%	2.50	-	-	10	1
	Sub-total	3,467	834	72.19%	4,050	1.26%	43.69%	2.50	2,766	68.29%	22	43

Corporates - Other	0.00 to <0.15	33,322	18,633	66.28%	46,284	0.06%	45.12%	2.51	10,639	22.99%	13	55
	0.00 to <0.10	24,523	13,182	67.31%	33,747	0.04%	45.35%	2.52	6,249	18.52%	6	31
	0.10 to <0.15	8,799	5,452	63.81%	12,537	0.12%	44.51%	2.50	4,390	35.02%	7	24
	0.15 to <0.25	931	482	76.80%	1,310	0.16%	41.67%	2.50	514	39.26%	1	2
	0.25 to <0.50	22,709	12,081	60.50%	28,849	0.36%	44.21%	2.50	17,976	62.31%	46	193
	0.50 to <0.75	595	167	71.64%	696	0.60%	43.93%	2.50	564	81.06%	2	2
	0.75 to <2.50	17,446	7,259	63.69%	19,181	1.09%	43.96%	2.50	18,834	98.19%	92	402
	0.75 to <1.75	16,761	6,987	63.27%	18,307	1.05%	43.94%	2.50	17,796	97.21%	85	379
	1.75 to <2.5	685	272	74.30%	875	1.92%	44.26%	2.50	1,039	118.74%	7	23
	2.50 to <10.00	5,135	1,809	67.28%	4,639	4.39%	43.90%	2.50	6,898	148.70%	90	241
	2.5 to <5	3,837	1,153	66.83%	3,498	3.22%	43.79%	2.50	4,763	136.17%	49	160
	5 to <10	1,298	656	68.07%	1,141	8.00%	44.25%	2.50	2,135	187.14%	40	81
	10.00 to <100.00	1,828	379	67.65%	1,799	16.74%	44.44%	2.50	4,360	242.31%	134	190
	10 to <20	1,209	276	69.90%	1,280	15.00%	44.42%	2.50	3,014	235.50%	85	129
	20 to <30	619	103	61.63%	520	21.03%	44.48%	2.50	1,346	259.07%	49	61
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	1,494	185	57.66%	1,302	100.00%	44.66%	2.50	-	-	601	900
	Sub-total	83,460	40,994	64.28%	104,061	2.07%	44.53%	2.51	59,786	57.45%	978	1,985
TOTAL (all exposures classes)		433,646	59,148	63.10%	470,966			2.50	104,844	22.26%	2,121	4,237

CREDIT RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE

FOUNDATION INTERNAL RATINGS-BASED APPROACH AT 31 DECEMBER 2021 (CR6)

31/12/2021	PD range	On-balance sheet exposures	Off-balance-sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after supporting factors	Density of risk weighted exposure amount	Expected loss amount	Value adjustments and provisions
(in millions of euros)												
F-IRB												
Central governments and central banks	0.00 to <0.15	220,159	791	56.93%	231,264	0.00%	45.00%	2.50	998	0.43%	1	31
	0.00 to <0.10	220,149	790	56.92%	231,254	0.00%	45.00%	2.50	994	0.43%	1	31
	0.10 to <0.15	10	0	75.00%	10	0.12%	45.00%	2.50	4	34.94%	0	0
	0.15 to <0.25	568	-	0.00%	567	0.16%	45.00%	2.50	233	41.13%	0	0
	0.25 to <0.50	51	2	30.40%	49	0.35%	43.86%	2.50	30	60.67%	0	0
	0.50 to <0.75	84	3	53.57%	85	0.60%	45.00%	2.50	68	79.98%	0	0
	0.75 to <2.50	243	14	61.44%	237	1.69%	45.00%	2.50	272	115.09%	2	8
	0.75 to <1.75	82	13	62.03%	76	1.25%	45.00%	2.50	79	104.62%	0	0
	1.75 to <2.5	161	1	52.84%	161	1.90%	45.00%	2.50	193	119.99%	1	8
	2.50 to <10.00	20	1	83.51%	21	3.33%	45.00%	2.50	30	139.54%	0	0
	2.5 to <5	19	1	83.51%	20	3.00%	45.00%	2.50	27	136.14%	0	0
	5 to <10	1	-	0.00%	1	8.00%	45.00%	2.50	3	188.21%	0	0
	10.00 to <100.00	9	1	75.00%	9	20.00%	45.00%	2.50	23	252.53%	1	0
	10 to <20	-	-	0.00%	-	-	-	-	-	-	-	-
	20 to <30	9	1	75.00%	9	20.00%	45.00%	2.50	23	252.53%	1	0
	30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	-
	100.00 (Default)	0	-	0.00%	0	100.00%	45.00%	2.50	-	-	0	0
	Sub-total	221,134	811	56.99%	232,233	0.00%	45.00%	2.50	1,654	0.71%	4	40
Institutions	0.00 to <0.15	45,837	3,978	50.21%	49,117	0.03%	41.88%	2.50	7,549	15.37%	7	20
	0.00 to <0.10	45,820	3,978	50.21%	49,099	0.03%	41.88%	2.50	7,543	15.36%	7	20
	0.10 to <0.15	18	1	66.67%	18	0.12%	45.00%	2.50	6	34.98%	0	0
	0.15 to <0.25	918	73	67.96%	1,022	0.16%	35.59%	2.50	361	35.31%	1	1
	0.25 to <0.50	828	29	60.22%	846	0.32%	44.95%	2.50	584	69.06%	1	1
	0.50 to <0.75	602	30	55.25%	620	0.60%	44.91%	2.50	589	95.14%	2	2
	0.75 to <2.50	232	39	44.34%	239	1.09%	44.87%	2.50	243	101.43%	1	3
	0.75 to <1.75	221	37	45.20%	231	1.06%	44.86%	2.50	232	100.57%	1	3
	1.75 to <2.5	11	1	20.00%	9	1.90%	45.00%	2.50	11	124.69%	0	0
	2.50 to <10.00	34	23	66.50%	49	3.60%	45.00%	2.50	72	146.95%	1	1
	2.5 to <5	21	20	68.62%	35	3.00%	45.00%	2.50	48	136.13%	0	0
	5 to <10	12	3	51.94%	14	5.10%	45.00%	2.50	24	174.12%	0	0
	10.00 to <100.00	201	14	37.12%	207	19.98%	45.00%	2.50	525	253.42%	19	0
	10 to <20	1	1	21.01%	1	13.18%	45.00%	2.50	2	235.53%	0	0
	20 to <30	200	13	39.03%	206	20.00%	45.00%	2.50	523	253.47%	19	0
	30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	-
	100.00 (Default)	34	2	59.20%	34	100.00%	45.00%	2.50	-	-	16	12
	Sub-total	48,686	4,187	50.62%	52,134	0.20%	41.87%	2.50	9,923	19.03%	46	39
Corporates - SME	0.00 to <0.15	3,361	797	67.01%	3,801	0.08%	44.02%	2.50	711	18.70%	1	6
	0.00 to <0.10	1,626	342	67.71%	1,860	0.04%	44.62%	2.50	246	13.24%	0	2
	0.10 to <0.15	-	-	0.00%	-	-	-	-	-	-	-	-
	0.15 to <0.25	143	27	58.96%	141	0.16%	44.48%	2.50	42	30.01%	0	0
	0.25 to <0.50	9,907	2,330	66.42%	10,406	0.38%	43.05%	2.50	4,452	42.78%	17	67
	0.50 to <0.75	411	97	71.14%	438	0.60%	43.17%	2.50	229	52.25%	1	3
	0.75 to <2.50	16,331	3,303	70.16%	16,051	1.14%	42.96%	2.50	10,405	64.82%	79	271
	0.75 to <1.75	15,487	3,135	70.26%	15,229	1.10%	42.97%	2.50	9,775	64.19%	72	245
	1.75 to <2.5	844	168	68.42%	822	1.90%	42.90%	2.50	630	76.59%	7	26
	2.50 to <10.00	7,593	1,209	69.20%	6,554	4.25%	42.86%	2.50	6,080	92.76%	119	349
	2.5 to <5	5,315	866	68.91%	4,691	3.00%	42.86%	2.50	4,009	85.45%	60	186
	5 to <10	2,278	343	69.94%	1,863	7.39%	42.84%	2.50	2,071	111.16%	59	163
	10.00 to <100.00	1,399	248	69.53%	1,173	18.04%	42.92%	2.50	1,849	157.56%	91	130
	10 to <20	637	103	69.83%	524	14.34%	43.35%	2.50	784	149.75%	33	54
	20 to <30	762	145	69.32%	650	21.02%	42.57%	2.50	1,064	163.85%	58	76
	30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	-
	100.00 (Default)	1,477	175	71.57%	1,357	100.00%	44.25%	2.50	-	-	601	1,004
	Sub-total	40,622	8,188	68.63%	39,921	5.20%	43.12%	2.50	23,767	59.53%	909	1,830
Corporates - Specialised Lending	0.00 to <0.15	116	72	73.60%	180	0.07%	43.50%	2.50	44	24.29%	0	0
	0.00 to <0.10	115	13	67.54%	134	0.05%	43.00%	2.50	28	20.71%	0	0
	0.10 to <0.15	2	58	75.00%	45	0.12%	45.00%	2.50	16	34.94%	0	0
	0.15 to <0.25	472	100	63.25%	533	0.16%	43.13%	2.50	210	39.43%	0	2
	0.25 to <0.50	862	274	73.37%	1,063	0.30%	44.16%	2.50	606	56.99%	1	5
	0.50 to <0.75	665	160	77.00%	787	0.60%	43.91%	2.50	618	78.52%	2	6
	0.75 to <2.50	773	193	75.84%	911	1.23%	43.50%	2.50	901	98.97%	5	23
	0.75 to <1.75	543	130	76.51%	639	0.94%	43.86%	2.50	590	92.41%	3	8
	1.75 to <2.5	230	63	74.46%	272	1.90%	42.65%	2.50	311	114.38%	2	15
	2.50 to <10.00	22	10	75.00%	30	4.88%	43.74%	2.50	46	153.06%	1	2
	2.5 to <5	4	0	75.00%	5	3.00%	43.25%	2.50	6	132.27%	0	0
	5 to <10	18	10	75.00%	25	5.22%	43.83%	2.50	40	156.87%	1	2
	10.00 to <100.00	15	10	80.02%	23	14.77%	45.00%	2.50	54	230.29%	2	1
	10 to <20	14	2	75.00%	15	12.00%	45.00%	2.50	33	218.51%	1	0
	20 to <30	2	8	81.36%	8	20.00%	45.00%	2.50	20	252.53%	1	1
	30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	-
	100.00 (Default)	-	-	0.00%	-	-	-	-	-	-	-	-
	Sub-total	2,925	818	73.55%	3,527	0.71%	43.75%	2.50	2,479	70.28%	11	39
Corporates - Other	0.00 to <0.15	26,547	14,835	66.88%	37,007	0.06%	44.67%	2.50	8,423	22.76%	10	43
	0.00 to <0.10	20,358	10,281	68.77%	27,763	0.04%	44.67%	2.50	5,173	18.63%	5	25

0.10 to <0.15	6,189	4,554	62.60%	9,245	0.12%	44.69%	2.50	3,250	35.16%	5	18
0.15 to <0.25	1,479	1,322	77.65%	2,511	0.16%	44.49%	2.50	1,037	41.32%	2	4
0.25 to <0.50	17,672	9,561	61.88%	22,633	0.35%	44.29%	2.50	13,832	61.11%	35	104
0.50 to <0.75	1,318	563	68.49%	1,663	0.60%	44.24%	2.50	1,329	79.96%	4	10
0.75 to <2.50	14,991	5,461	65.47%	15,597	1.11%	43.81%	2.50	15,337	98.33%	76	316
0.75 to <1.75	14,238	5,340	65.43%	14,883	1.07%	43.81%	2.50	14,497	97.40%	70	294
1.75 to <2.5	752	121	67.45%	714	1.90%	43.77%	2.50	841	117.71%	6	21
2.50 to <10.00	4,847	1,396	67.81%	4,170	4.36%	43.96%	2.50	6,196	148.60%	80	209
2.5 to <5	3,183	908	68.18%	2,887	3.00%	43.84%	2.50	3,868	133.95%	38	124
5 to <10	1,664	487	67.13%	1,282	7.41%	44.22%	2.50	2,329	181.58%	42	85
10.00 to <100.00	1,002	258	56.19%	846	18.37%	44.08%	2.50	2,055	242.87%	69	76
10 to <20	416	126	59.21%	336	14.73%	43.80%	2.50	766	227.99%	22	35
20 to <30	586	132	53.32%	510	20.78%	44.26%	2.50	1,289	252.67%	47	41
30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	0
100.00 (Default)	1,494	241	53.90%	1,324	100.00%	44.61%	2.50	-	-	610	906
Sub-total	69,349	33,637	65.54%	85,751	2.27%	44.36%	2.50	48,209	56.22%	886	1,667
TOTAL (all exposures classes)	382,716	47,642	64.75%	413,566			2.50	86,032	20.80%	1,856	3,615

CREDIT RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE ADVANCED INTERNAL RATINGS-BASED APPROACH AT 30 JUNE 2022 (CR6)

30/06/2022	PD range	On-balance sheet exposures	Off-balance sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after supporting factors	Density of risk weighted exposure amount	Expected loss amount	Value adjustments and provisions
(in millions of euros)												
A-IRB												
Central governments and central banks	0.00 to <0.15	103,584	2,004	66.16%	123,475	0.01%	8.09%	1.64	619	0.50%	1	10
	0.00 to <0.10	103,584	2,004	66.16%	123,475	0.01%	8.09%	1.64	619	0.50%	1	10
	0.10 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.15 to <0.25	152	10	75.00%	2,870	0.16%	8.72%	4.20	315	10.96%	9	0
	0.25 to <0.50	195	-	-	237	0.30%	10.00%	2.42	30	12.61%	0	0
	0.50 to <0.75	879	559	75.00%	656	0.60%	10.00%	1.51	98	14.98%	0	1
	0.75 to <2.50	123	465	75.00%	22	1.81%	45.00%	4.54	33	145.71%	0	1
	0.75 to <1.75	17	57	75.00%	3	1.25%	45.00%	4.79	4	136.73%	0	0
	1.75 to <2.5	106	409	75.00%	19	1.90%	45.00%	4.50	29	147.08%	0	1
	2.50 to <10.00	1,309	964	75.00%	405	5.00%	47.82%	1.70	648	159.99%	10	1
	2.5 to <5	-	-	-	-	-	-	-	-	-	-	-
	5 to <10	1,309	964	75.00%	405	5.00%	47.82%	1.70	648	159.99%	10	1
	10.00 to <100.00	257	325	75.02%	38	17.37%	72.50%	2.99	149	388.24%	5	3
	10 to <20	53	0	100.00%	13	12.00%	93.52%	1.70	54	432.93%	1	0
	20 to <30	204	325	75.00%	26	20.00%	62.20%	3.62	94	366.33%	3	3
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	153	-	-	32	100.00%	45.00%	3.86	19	60.59%	17	17
	Sub-total	106,651	4,326	70.91%	127,736	0.06%	8.28%	1.70	1,911	1.50%	42	33
Institutions	0.00 to <0.15	11,347	3,638	44.01%	19,543	0.06%	27.65%	1.69	608	3.11%	1	0
	0.00 to <0.10	11,196	3,638	44.01%	13,296	0.03%	20.92%	1.43	436	3.28%	0	0
	0.10 to <0.15	151	-	-	6,247	0.13%	41.98%	2.26	172	2.75%	0	-
	0.15 to <0.25	1,901	1,500	65.86%	2,001	0.18%	35.34%	1.59	438	21.89%	1	1
	0.25 to <0.50	801	1,106	26.48%	1,023	0.30%	34.02%	1.46	466	45.52%	1	1
	0.50 to <0.75	36	272	27.58%	111	0.60%	38.54%	1.61	77	69.73%	0	0
	0.75 to <2.50	701	905	29.87%	873	0.99%	42.15%	1.28	799	91.48%	4	3
	0.75 to <1.75	528	780	30.42%	740	0.83%	39.42%	1.32	619	83.64%	2	2
	1.75 to <2.5	173	125	26.46%	133	1.90%	57.33%	1.09	180	135.06%	1	1
	2.50 to <10.00	72	425	47.42%	82	5.00%	81.40%	1.19	252	305.80%	3	5
	2.5 to <5	-	-	-	-	-	-	-	-	-	-	-
	5 to <10	72	425	47.42%	82	5.00%	81.40%	1.19	252	305.80%	3	5
	10.00 to <100.00	0	18	24.77%	4	17.18%	81.27%	2.67	20	501.00%	1	0
	10 to <20	0	6	31.96%	1	12.00%	83.72%	4.09	7	509.92%	0	0
	20 to <30	0	12	21.36%	3	20.00%	79.95%	1.90	13	496.15%	0	0
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	227	195	-	421	100.00%	45.01%	1.53	-	-	392	392
	Sub-total	15,084	8,057	42.61%	24,059	1.89%	29.63%	1.66	2,659	11.05%	403	403
Corporates - SME	0.00 to <0.15	1,993	589	66.27%	2,392	0.12%	44.99%	2.61	578	24.17%	1	3
	0.00 to <0.10	76	479	66.01%	393	0.04%	51.25%	3.22	86	21.78%	0	0
	0.10 to <0.15	1,917	110	67.42%	1,999	0.13%	43.76%	2.50	493	24.64%	1	3
	0.15 to <0.25	6,747	225	60.73%	6,923	0.18%	43.95%	2.50	2,056	29.69%	6	9
	0.25 to <0.50	7,051	432	60.87%	7,359	0.39%	43.54%	2.50	3,255	44.23%	12	26
	0.50 to <0.75	88	2	59.30%	89	0.51%	44.89%	2.46	45	50.99%	0	0
	0.75 to <2.50	7,562	821	64.15%	8,092	1.22%	44.03%	2.47	5,516	68.16%	43	129
	0.75 to <1.75	6,118	699	62.27%	6,556	1.02%	44.04%	2.46	4,276	65.22%	29	90
	1.75 to <2.5	1,443	122	74.91%	1,536	2.05%	43.97%	2.49	1,240	80.73%	14	39
	2.50 to <10.00	3,135	187	62.57%	3,260	5.43%	43.06%	2.47	3,467	106.35%	76	220
	2.5 to <5	1,385	93	53.81%	1,447	3.73%	43.11%	2.50	1,406	97.13%	23	92
	5 to <10	1,749	94	71.19%	1,813	6.80%	43.02%	2.45	2,061	113.70%	53	128
	10.00 to <100.00	912	147	72.22%	1,019	22.42%	43.35%	2.49	1,588	155.81%	100	113
	10 to <20	758	52	74.67%	800	14.83%	43.44%	2.49	1,244	155.56%	52	93
	20 to <30	36	9	33.25%	37	22.49%	36.86%	2.36	58	156.78%	3	5
	30.00 to <100.00	118	86	74.73%	183	55.58%	44.28%	2.50	286	156.73%	45	15
	100.00 (Default)	479	12	45.17%	487	100.00%	44.90%	2.50	103	21.10%	218	259
	Sub-total	27,967	2,415	64.03%	29,622	3.50%	43.85%	2.50	16,608	56.07%	457	759
Corporates - Specialised Lending	0.00 to <0.15	2,306	1,644	32.99%	2,676	0.07%	15.01%	3.05	285	10.66%	1	5
	0.00 to <0.10	1,828	563	36.11%	1,914	0.04%	13.93%	3.70	190	9.94%	1	5
	0.10 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.15 to <0.25	7,146	1,734	62.30%	7,926	0.16%	9.69%	3.88	858	10.83%	1	2
	0.25 to <0.50	11,487	5,131	37.01%	11,919	0.31%	13.31%	3.01	2,057	17.26%	5	21
	0.50 to <0.75	7,021	1,405	55.12%	6,423	0.60%	12.69%	3.39	1,552	24.17%	5	13
	0.75 to <2.50	13,953	5,741	57.31%	11,109	1.12%	16.56%	3.14	4,257	38.32%	21	81
	0.75 to <1.75	10,097	3,074	47.89%	9,095	0.95%	15.93%	3.15	3,132	34.44%	13	46
	1.75 to <2.5	3,856	2,667	68.17%	2,014	1.90%	19.45%	3.09	1,124	55.83%	7	35
	2.50 to <10.00	2,344	645	72.48%	2,233	4.68%	18.25%	3.08	1,482	66.37%	20	68
	2.5 to <5	551	257	75.00%	670	3.00%	11.40%	3.03	245	36.50%	2	3
	5 to <10	1,792	389	70.82%	1,562	5.40%	21.19%	3.09	1,237	79.19%	18	65
	10.00 to <100.00	2,231	407	74.38%	1,932	15.89%	15.00%	3.27	1,543	79.91%	44	135
	10 to <20	1,301	236	75.06%	1,034	12.32%	17.88%	3.34	945	91.37%	23	70
	20 to <30	930	171	73.45%	897	20.00%	11.68%	3.20	598	66.69%	21	65
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	2,413	103	71.65%	1,940	100.00%	35.97%	2.37	1,467	75.61%	457	457
	Sub-total	48,900	16,810	50.15%	46,157	5.56%	14.75%	3.23	13,501	29.25%	554	781
Corporates - Other	0.00 to <0.15	36,746	85,226	59.96%	83,122	0.06%	38.37%	2.16	13,901	16.72%	19	27

	0.00 to <0.10	24,313	63,099	64.99%	64,871	0.04%	37.78%	2.22	8,911	13.74%	10	17
	0.10 to <0.15	12,433	22,128	45.63%	18,250	0.12%	40.43%	1.96	4,990	27.34%	9	10
	0.15 to <0.25	1,311	2,295	51.51%	2,553	0.16%	36.05%	2.64	960	37.59%	2	4
	0.25 to <0.50	14,335	23,674	63.44%	25,017	0.32%	40.09%	2.55	13,565	54.22%	34	46
	0.50 to <0.75	68	115	82.30%	101	0.54%	23.39%	3.04	5	4.97%	0	50
	0.75 to <2.50	8,253	10,715	64.30%	10,642	1.04%	39.54%	2.66	9,605	90.26%	45	266
	0.75 to <1.75	7,907	10,037	63.73%	9,897	0.98%	39.20%	2.59	8,665	87.56%	39	185
	1.75 to <2.5	346	678	72.79%	744	1.86%	43.96%	3.55	940	126.21%	6	81
	2.50 to <10.00	6,884	3,841	74.21%	5,956	5.30%	40.13%	2.41	8,621	144.76%	105	476
	2.5 to <5	3,463	1,808	61.16%	3,344	3.25%	39.59%	2.59	4,163	124.50%	43	192
	5 to <10	3,422	2,033	85.80%	2,611	7.93%	40.82%	2.18	4,458	170.72%	62	284
	10.00 to <100.00	1,925	1,314	66.56%	1,989	16.57%	38.44%	2.49	3,987	200.48%	126	232
	10 to <20	1,072	915	72.95%	1,405	14.04%	36.48%	2.41	2,629	187.11%	74	159
	20 to <30	766	398	52.09%	495	20.65%	46.90%	2.71	1,254	253.44%	45	36
	30.00 to <100.00	88	1	-	89	34.03%	22.18%	2.50	103	116.62%	7	38
	100.00 (Default)	1,709	632	33.45%	1,827	100.00%	43.36%	2.32	146	7.99%	1,677	1,735
	Sub-total	71,232	127,812	61.20%	131,206	2.07%	38.88%	2.31	50,790	38.71%	2,007	2,835
Retail - Secured by immovable property SME	0.00 to <0.15	2,299	52	100.28%	2,352	0.13%	22.37%	1.00	123	5.25%	1	3
	0.00 to <0.10	-	-	-	-	-	-	-	-	-	-	-
	0.10 to <0.15	2,299	52	100.28%	2,352	0.13%	22.37%	1.00	123	5.25%	1	3
	0.15 to <0.25	3,590	104	100.97%	3,695	0.21%	24.35%	1.00	312	8.43%	2	7
	0.25 to <0.50	5,967	189	100.36%	6,157	0.40%	21.33%	1.00	713	11.58%	5	19
	0.50 to <0.75	2,392	18	100.00%	2,410	0.53%	13.99%	1.00	236	9.80%	2	2
	0.75 to <2.50	7,086	355	100.12%	7,441	1.22%	22.51%	1.00	1,888	25.38%	20	90
	0.75 to <1.75	6,151	324	100.13%	6,475	1.10%	23.57%	1.00	1,647	25.44%	17	69
	1.75 to <2.5	935	31	100.00%	966	2.05%	15.44%	1.00	241	24.92%	3	20
	2.50 to <10.00	3,557	192	99.81%	3,749	5.33%	25.36%	1.00	2,602	69.41%	52	252
	2.5 to <5	1,774	115	99.59%	1,888	3.69%	27.16%	1.00	1,169	61.89%	19	105
	5 to <10	1,784	77	100.13%	1,861	6.98%	23.52%	1.00	1,434	77.03%	32	148
	10.00 to <100.00	1,061	51	100.08%	1,112	19.13%	22.84%	1.00	1,110	99.78%	51	137
	10 to <20	833	41	100.11%	874	15.28%	22.89%	1.00	859	98.27%	32	106
	20 to <30	101	1	100.00%	102	26.55%	19.36%	1.00	96	94.27%	5	9
	30.00 to <100.00	127	9	100.00%	136	38.32%	25.16%	1.00	154	113.61%	13	22
	100.00 (Default)	805	2	17.81%	805	100.00%	51.57%	1.00	226	28.04%	415	382
	Sub-total	26,757	963	100.02%	27,720	4.89%	22.98%	1.00	7,210	26.01%	547	892
Retail - Secured by immovable property non SME	0.00 to <0.15	270,110	10,788	100.00%	280,898	0.07%	13.06%	1.00	6,929	2.47%	25	51
	0.00 to <0.10	183,745	7,408	100.00%	191,153	0.05%	12.14%	1.00	3,175	1.66%	10	17
	0.10 to <0.15	86,366	3,379	100.00%	89,745	0.11%	15.04%	1.00	3,753	4.18%	15	34
	0.15 to <0.25	46,446	2,222	99.93%	48,666	0.22%	16.09%	1.00	3,590	7.38%	17	46
	0.25 to <0.50	41,200	2,066	100.00%	43,266	0.37%	14.34%	1.00	4,319	9.98%	24	73
	0.50 to <0.75	17,076	1,159	99.97%	18,235	0.69%	14.59%	1.00	2,849	15.62%	19	71
	0.75 to <2.50	27,369	1,451	100.00%	28,820	1.43%	16.99%	1.00	8,216	28.51%	70	326
	0.75 to <1.75	25,776	1,416	100.00%	27,192	1.38%	17.13%	1.00	7,705	28.34%	65	303
	1.75 to <2.5	1,593	35	100.00%	1,628	2.14%	14.67%	1.00	510	31.35%	5	23
	2.50 to <10.00	15,534	842	100.00%	16,376	5.67%	17.53%	1.00	10,722	65.48%	162	561
	2.5 to <5	9,222	460	100.00%	9,682	4.15%	17.80%	1.00	5,502	56.83%	72	308
	5 to <10	6,312	382	100.00%	6,694	7.87%	17.13%	1.00	5,220	77.99%	91	253
	10.00 to <100.00	3,152	149	100.00%	3,301	19.43%	19.44%	1.00	3,702	112.15%	129	261
	10 to <20	2,348	105	100.00%	2,452	15.15%	19.43%	1.00	2,691	109.71%	72	170
	20 to <30	435	36	100.00%	471	25.51%	17.37%	1.00	517	109.91%	21	40
	30.00 to <100.00	370	8	100.00%	378	39.66%	22.10%	1.00	494	130.78%	35	51
	100.00 (Default)	3,352	12	393.67%	3,355	100.00%	38.58%	1.00	865	25.79%	1,294	1,145
	Sub-total	424,239	18,688	100.17%	442,917	1.34%	14.25%	1.00	41,192	9.30%	1,740	2,533
Retail - Qualifying revolving	0.00 to <0.15	340	7,088	158.73%	11,684	0.07%	36.83%	1.00	208	1.78%	3	2
	0.00 to <0.10	142	4,517	168.64%	7,786	0.04%	36.07%	1.00	96	1.24%	1	1
	0.10 to <0.15	198	2,571	141.32%	3,898	0.11%	38.37%	1.00	112	2.86%	2	1
	0.15 to <0.25	135	808	178.72%	1,579	0.22%	28.91%	1.00	55	3.51%	1	1
	0.25 to <0.50	298	1,820	99.42%	2,133	0.37%	41.94%	1.00	170	7.99%	3	2
	0.50 to <0.75	269	2,156	80.71%	2,014	0.62%	53.49%	1.00	304	15.09%	6	4
	0.75 to <2.50	1,107	1,907	106.46%	3,176	1.60%	46.34%	1.00	903	28.44%	24	18
	0.75 to <1.75	739	1,213	127.20%	2,312	1.42%	40.47%	1.00	507	21.94%	13	10
	1.75 to <2.5	368	694	70.19%	864	2.08%	62.06%	1.00	396	45.87%	11	9
	2.50 to <10.00	1,514	1,551	106.48%	3,223	4.64%	52.70%	1.00	2,084	64.68%	75	62
	2.5 to <5	1,197	1,409	95.85%	2,563	3.83%	54.71%	1.00	1,555	60.66%	53	43
	5 to <10	317	141	212.43%	660	7.79%	44.89%	1.00	530	80.30%	23	18
	10.00 to <100.00	401	179	136.74%	663	19.67%	53.35%	1.00	881	133.00%	69	70
	10 to <20	307	160	134.40%	534	13.63%	53.94%	1.00	690	129.16%	39	41
	20 to <30	20	4	330.02%	35	24.80%	41.31%	1.00	45	128.07%	3	3
	30.00 to <100.00	74	15	114.19%	94	52.08%	54.47%	1.00	147	156.68%	27	26
	100.00 (Default)	269	18	10.73%	271	100.00%	79.37%	1.00	64	23.69%	215	183
	Sub-total	4,332	15,526	129.92%	24,743	2.56%	42.32%	1.00	4,671	18.88%	397	342
Retail - Other SME	0.00 to <0.15	7,228	990	141.72%	8,631	0.13%	24.89%	1.00	521	6.04%	3	9
	0.00 to <0.10	701	0	225.64%	702	0.08%	18.26%	1.00	26	3.72%	0	-
	0.10 to <0.15	6,527	989	141.70%	7,929	0.13%	25.47%	1.00	495	6.24%	3	9
	0.15 to <0.25	16,544	2,909	144.37%	20,752	0.19%	20.52%	1.00	1,435	6.91%	9	27
	0.25 to <0.50	20,870	2,863	149.20%	25,163	0.37%	20.11%	1.00	2,532	10.06%	19	69
	0.50 to <0.75	934	951	82.79%	1,721	0.56%	44.18%	1.00	477	27.72%	4	2
	0.75 to <2.50	22,828	3,434	139.22%	27,705	1.28%	25.68%	1.00	6,344	22.90%	87	326
	0.75 to <1.75	17,401	2,691	127.30%	20,874	1.02%	28.84%	1.00	5,166	24.75%	65	222
	1.75 to <2.5	5,427	743	182.38%	6,831	2.05%	16.01%	1.00	1,178	17.24%	22	104
	2.50 to <10.00	10,012	1,461	126.88%	12,034	5.24%	29.67%	1.00	4,422	36.75%	184	614
	2.5 to <5	4,701	918	105.84%	5,710	3.65%	36.57%	1.00	2,493	43.65%	75	243
	5 to <10	5,311	543	162.43%	6,324	6.68%	23.44%	1.00	1,930	30.52%	108	371
	10.00 to <100.00	3,187	291	134.74%	3,833	19.14%	24.04%	1.00	1,692	44.14%	194	422
	10 to <20	2,632	225	146.06%	3,132	15.27%	22.59%	1.00	1,208	38.57%	114	313
	20 to <30	170	15	78.29%	183	25.94%	30.22%	1.00	132	72.11%	14	24

	30.00 to <100.00	385	51	101.07%	518	40.12%	30.61%	1.00	352	67.95%	66	85
	100.00 (Default)	3,258	192	23.70%	3,305	100.00%	63.41%	1.00	920	27.83%	2,094	2,101
	Sub-total	84,861	13,090	135.46%	103,144	5.02%	25.14%	1.00	18,343	17.78%	2,594	3,571
Retail - Other non-SME	0.00 to <0.15	50,849	3,436	114.48%	54,830	0.07%	16.49%	1.00	1,889	3.44%	7	11
	0.00 to <0.10	33,418	2,255	116.23%	36,076	0.05%	14.76%	1.00	798	2.21%	3	4
	0.10 to <0.15	17,432	1,181	111.13%	18,754	0.12%	19.83%	1.00	1,090	5.81%	4	7
	0.15 to <0.25	14,345	738	114.80%	15,204	0.22%	23.07%	1.00	1,585	10.43%	8	13
	0.25 to <0.50	12,162	889	108.30%	13,137	0.38%	27.47%	1.00	2,445	18.61%	14	22
	0.50 to <0.75	5,389	454	104.84%	5,877	0.68%	28.31%	1.00	1,520	25.86%	11	17
	0.75 to <2.50	19,055	982	112.19%	20,204	1.49%	36.92%	1.00	9,552	47.28%	110	141
	0.75 to <1.75	15,341	910	113.04%	16,416	1.31%	37.74%	1.00	7,670	46.72%	82	109
	1.75 to <2.5	3,714	72	101.53%	3,788	2.28%	33.36%	1.00	1,882	49.69%	29	32
	2.50 to <10.00	11,652	406	108.35%	12,197	4.65%	43.03%	1.00	8,421	69.04%	225	276
	2.5 to <5	8,337	162	115.06%	8,589	3.53%	45.74%	1.00	6,108	71.12%	130	152
	5 to <10	3,315	244	103.91%	3,609	7.32%	36.58%	1.00	2,313	64.10%	95	124
	10.00 to <100.00	2,056	76	105.55%	2,288	23.55%	34.67%	1.00	1,868	81.66%	228	302
	10 to <20	1,297	33	111.89%	1,394	14.37%	33.29%	1.00	975	69.94%	66	95
	20 to <30	365	13	100.67%	467	25.85%	34.80%	1.00	462	98.93%	42	53
	30.00 to <100.00	394	30	100.59%	427	51.05%	39.07%	1.00	431	101.07%	120	153
	100.00 (Default)	2,925	10	50.87%	2,952	100.00%	66.08%	1.00	775	26.26%	1,937	1,788
	Sub-total	118,433	6,992	112.23%	126,690	3.57%	26.26%	1.00	28,055	22.15%	2,540	2,570
TOTAL (all exposures classes)		928,456	214,681	74.59%	1,083,993			1.39	184,940	17.06%	11,279	14,719

CREDIT RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE ADVANCED INTERNAL RATINGS-BASED APPROACH AT 31 DECEMBER 2021 (CR6)

31/12/2021	PD range	On-balance sheet exposures	Off-balance sheet exposures pre-CCF	Exposure weighted average CCF	Exposure post CCF and post CRM	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	Risk weighted exposure amount after supporting factors	Density of risk weighted exposure amount	Expected loss amount	Value adjustments and provisions
(in millions of euros)												
A-IRB												
Central governments and central banks	0.00 to <0.15	93,100	2,021	69.12%	107,602	0.01%	5.31%	1.60	432	0.40%	0	8
	0.00 to <0.10	93,100	2,021	69.12%	107,602	0.01%	5.31%	1.60	432	0.40%	0	8
	0.10 to <0.15	-	-	0.00%	-	-	-	-	-	-	-	-
	0.15 to <0.25	238	10	75.00%	814	0.16%	10.00%	3.04	82	10.08%	6	0
	0.25 to <0.50	102	-	0.00%	140	0.30%	10.00%	3.79	22	15.97%	0	0
	0.50 to <0.75	931	159	75.00%	642	0.60%	10.00%	1.27	92	14.31%	0	1
	0.75 to <2.50	128	484	75.00%	24	1.81%	45.00%	4.60	34	146.45%	0	1
	0.75 to <1.75	4	70	75.00%	3	1.24%	45.00%	4.56	4	133.05%	0	0
	1.75 to <2.5	123	414	75.00%	20	1.90%	45.00%	4.61	30	148.54%	0	1
	2.50 to <10.00	1,001	1,029	75.00%	153	5.00%	59.13%	4.53	208	135.71%	3	1
	2.5 to <5	-	-	0.00%	-	-	-	-	-	-	-	-
	5 to <10	1,001	1,029	75.00%	153	5.00%	59.13%	4.53	208	135.71%	3	1
	10.00 to <100.00	371	349	75.02%	43	14.14%	71.11%	3.20	159	370.24%	4	2
	10 to <20	259	132	75.05%	31	12.00%	69.56%	3.10	108	345.24%	3	1
	20 to <30	111	217	75.00%	11	20.00%	75.38%	3.48	50	438.93%	2	1
Institutions	30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	-
	100.00 (Default)	39	-	0.00%	23	100.00%	45.00%	3.85	-	-	17	17
	Sub-total	95,909	4,052	72.07%	109,440	0.04%	5.50%	1.62	1,029	0.94%	31	30
	0.00 to <0.15	11,250	4,010	50.15%	20,131	0.06%	28.52%	1.82	832	4.13%	1	0
	0.00 to <0.10	11,080	4,010	50.15%	14,783	0.04%	23.78%	1.54	713	4.82%	1	0
	0.10 to <0.15	170	-	0.00%	5,348	0.13%	41.62%	2.59	119	2.22%	0	-
	0.15 to <0.25	1,291	2,050	68.43%	2,111	0.18%	36.67%	1.77	468	22.18%	1	1
	0.25 to <0.50	886	1,532	23.15%	1,176	0.30%	34.83%	1.49	548	46.59%	1	1
	0.50 to <0.75	87	688	31.64%	305	0.60%	44.33%	1.46	244	80.11%	1	0
	0.75 to <2.50	462	823	32.13%	620	1.24%	45.77%	1.60	676	108.97%	4	1
	0.75 to <1.75	309	512	22.37%	384	0.83%	45.62%	1.10	362	94.37%	1	1
	1.75 to <2.5	153	311	48.18%	236	1.90%	46.00%	2.42	314	132.68%	2	0
	2.50 to <10.00	46	267	31.78%	29	5.00%	83.87%	1.66	93	317.90%	1	0
	2.5 to <5	-	-	0.00%	-	-	-	-	-	-	-	-
	5 to <10	46	267	31.78%	29	5.00%	83.87%	1.66	93	317.90%	1	0
Corporates - SME	10.00 to <100.00	0	22	32.63%	5	13.11%	82.64%	2.10	24	459.41%	1	0
	10 to <20	-	19	34.62%	4	12.00%	81.30%	2.09	20	447.66%	0	0
	20 to <30	0	3	20.07%	1	20.00%	90.97%	2.15	4	532.73%	0	0
	30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	-
	100.00 (Default)	213	180	0.00%	393	100.00%	45.01%	1.59	-	-	379	379
	Sub-total	14,234	9,572	45.37%	24,770	1.71%	30.48%	1.78	2,885	11.65%	388	383
	0.00 to <0.15	89	304	24.02%	164	0.06%	39.50%	2.72	26	15.89%	0	0
	0.00 to <0.10	41	136	51.18%	111	0.04%	44.12%	2.86	18	16.22%	0	0
	0.10 to <0.15	48	167	1.91%	54	0.11%	30.01%	2.43	8	15.22%	0	0
	0.15 to <0.25	178	323	1.15%	188	0.21%	27.51%	2.47	37	19.58%	0	1
	0.25 to <0.50	342	361	3.95%	324	0.36%	29.82%	2.47	97	29.93%	0	1
	0.50 to <0.75	5	5	9.63%	6	0.64%	26.39%	2.32	2	29.51%	0	0
	0.75 to <2.50	1,032	713	37.52%	1,087	1.08%	31.68%	2.46	499	45.97%	3	8
	0.75 to <1.75	957	698	37.26%	1,004	1.02%	32.65%	2.53	469	46.76%	3	8
	1.75 to <2.5	76	15	50.15%	83	1.90%	20.06%	1.64	30	36.37%	0	0
Corporates - Specialised Lending	2.50 to <10.00	399	108	7.51%	403	3.56%	21.61%	2.49	187	46.51%	3	9
	2.5 to <5	382	97	2.84%	391	3.47%	21.12%	2.50	175	44.79%	3	9
	5 to <10	17	11	48.84%	12	6.59%	37.79%	2.10	12	102.79%	0	0
	10.00 to <100.00	160	48	13.59%	166	20.09%	24.64%	2.63	155	93.34%	8	9
	10 to <20	81	20	1.60%	82	11.55%	20.57%	2.46	53	64.40%	2	5
	20 to <30	29	23	26.74%	33	20.03%	42.90%	3.25	61	184.56%	3	0
	30.00 to <100.00	50	5	0.00%	51	34.03%	19.41%	2.50	41	81.15%	3	4
	100.00 (Default)	730	33	1.67%	751	100.00%	45.78%	2.50	329	43.76%	321	420
	Sub-total	2,935	1,895	19.74%	3,089	26.30%	33.38%	2.50	1,332	43.12%	336	448
	0.00 to <0.15	1,580	1,953	26.22%	9,771	0.04%	8.94%	3.51	435	4.45%	1	1
	0.00 to <0.10	1,238	598	32.08%	9,013	0.03%	7.39%	3.64	321	3.56%	0	0
	0.10 to <0.15	-	-	0.00%	-	-	-	-	-	-	-	-
	0.15 to <0.25	6,647	1,524	49.51%	9,348	0.16%	10.39%	3.78	1,105	11.82%	2	1
	0.25 to <0.50	10,915	3,909	43.28%	11,569	0.31%	13.13%	3.07	2,030	17.54%	5	14
	0.50 to <0.75	7,857	1,617	46.65%	7,137	0.60%	13.24%	3.17	1,691	23.70%	6	27
	0.75 to <2.50	14,022	5,050	51.37%	11,218	1.12%	16.72%	3.26	4,346	38.74%	21	94
	0.75 to <1.75	10,095	3,378	44.18%	9,047	0.93%	17.04%	3.27	3,400	37.58%	15	56
	1.75 to <2.5	3,928	1,672	65.89%	2,172	1.90%	15.41%	3.22	946	43.56%	6	39
	2.50 to <10.00	2,062	467	74.17%	1,906	4.45%	17.65%	3.10	1,194	62.67%	15	85
	2.5 to <5	605	106	75.00%	620	3.00%	14.63%	2.83	277	44.60%	3	3
Corporates - Other	5 to <10	1,457	361	73.93%	1,285	5.14%	19.10%	3.23	918	71.40%	12	82
	10.00 to <100.00	2,547	342	75.40%	1,771	15.54%	16.00%	3.36	1,499	84.63%	43	129
	10 to <20	1,411	94	77.08%	988	12.00%	17.80%	3.34	882	89.22%	21	66
	20 to <30	1,136	248	74.76%	783	20.00%	13.74%	3.37	617	78.84%	22	63
	30.00 to <100.00	-	-	0.00%	-	-	-	-	-	-	-	-
	100.00 (Default)	1,618	11	84.42%	1,415	100.00%	36.35%	2.59	0	0.02%	455	455
	Sub-total	47,248	14,873	46.53%	54,135	3.69%	13.52%	3.32	12,300	22.72%	547	806
	0.00 to <0.15	33,063	79,921	55.63%	71,895	0.06%	38.27%	2.11	12,233	17.02%	15	21

	0.00 to <0.10	25,205	56,937	64.33%	59,603	0.04%	37.60%	2.08	8,588	14.41%	9	14
	0.10 to <0.15	7,859	22,984	34.05%	12,292	0.12%	41.49%	2.21	3,644	29.65%	6	7
	0.15 to <0.25	4,979	8,164	54.92%	7,880	0.16%	42.36%	1.56	2,548	32.34%	5	9
	0.25 to <0.50	13,662	20,083	64.67%	22,385	0.31%	41.56%	2.39	12,273	54.83%	30	42
	0.50 to <0.75	1,891	4,127	67.47%	3,158	0.59%	39.70%	2.85	2,295	72.67%	8	73
	0.75 to <2.50	11,272	11,251	64.43%	12,935	1.04%	41.50%	2.76	12,161	94.02%	56	225
	0.75 to <1.75	10,351	9,796	63.62%	11,536	0.94%	41.24%	2.68	10,365	89.85%	45	161
	1.75 to <2.5	921	1,455	69.89%	1,400	1.86%	43.67%	3.49	1,796	128.36%	12	64
	2.50 to <10.00	4,566	2,938	72.79%	3,987	5.06%	37.98%	2.48	5,516	138.37%	78	246
	2.5 to <5	2,460	1,158	62.04%	2,243	3.16%	37.54%	2.56	2,702	120.47%	27	61
	5 to <10	2,106	1,780	79.78%	1,744	7.50%	38.54%	2.38	2,815	161.38%	50	185
	10.00 to <100.00	1,033	1,673	69.72%	975	15.28%	31.84%	2.16	1,618	165.91%	51	113
	10 to <20	676	1,047	72.53%	810	13.83%	28.54%	2.05	1,204	148.66%	34	85
	20 to <30	333	621	65.58%	139	20.20%	52.02%	2.76	373	268.31%	15	26
	30.00 to <100.00	24	5	0.00%	26	34.03%	26.68%	2.50	40	154.99%	2	2
	100.00 (Default)	1,690	628	34.79%	1,824	100.00%	43.39%	2.43	111	6.07%	1,524	1,572
	Sub-total	72,157	128,786	58.61%	125,039	1.96%	39.50%	2.23	48,755	38.99%	1,767	2,302
Retail - Secured by immovable property SME	0.00 to <0.15	2,214	39	101.90%	2,254	0.13%	22.06%	1.00	117	5.19%	1	2
	0.00 to <0.10	-	-	0.00%	-	-	-	-	-	-	-	-
	0.10 to <0.15	2,214	39	101.90%	2,254	0.13%	22.06%	1.00	117	5.19%	1	2
	0.15 to <0.25	3,478	65	101.75%	3,545	0.21%	25.43%	1.00	313	8.82%	2	7
	0.25 to <0.50	5,762	167	100.16%	5,930	0.40%	22.60%	1.01	728	12.27%	5	18
	0.50 to <0.75	2,364	28	98.60%	2,392	0.53%	14.08%	1.08	237	9.90%	2	2
	0.75 to <2.50	6,730	307	99.45%	7,036	1.22%	24.32%	1.06	1,929	27.42%	20	85
	0.75 to <1.75	5,862	288	99.41%	6,149	1.11%	25.59%	1.06	1,705	27.74%	17	68
	1.75 to <2.5	868	19	100.00%	887	2.05%	15.56%	1.00	223	25.19%	3	17
	2.50 to <10.00	3,371	169	99.55%	3,540	5.32%	26.96%	1.15	2,627	74.20%	52	244
	2.5 to <5	1,617	105	99.48%	1,721	3.67%	29.86%	1.18	1,181	68.60%	19	101
	5 to <10	1,755	64	99.66%	1,819	6.87%	24.22%	1.12	1,446	79.50%	32	143
	10.00 to <100.00	976	47	100.06%	1,023	18.94%	23.99%	1.20	1,088	106.30%	49	122
	10 to <20	779	35	100.47%	815	15.33%	24.17%	1.13	859	105.52%	32	98
	20 to <30	111	1	85.46%	111	26.81%	19.48%	1.86	107	96.26%	6	7
	30.00 to <100.00	86	11	100.00%	98	40.16%	27.66%	1.02	121	124.30%	11	17
	100.00 (Default)	729	1	55.93%	730	100.00%	55.66%	1.13	204	27.91%	404	351
	Sub-total	25,625	824	99.86%	26,450	4.71%	24.17%	1.05	7,242	27.38%	535	832
Retail - Secured by immovable property non SME	0.00 to <0.15	266,052	9,578	100.00%	275,629	0.07%	13.17%	1.00	6,849	2.49%	25	51
	0.00 to <0.10	181,877	6,608	100.00%	188,485	0.05%	12.26%	1.00	3,166	1.68%	10	17
	0.10 to <0.15	84,174	2,970	100.00%	87,144	0.11%	15.16%	1.01	3,683	4.23%	15	34
	0.15 to <0.25	45,370	2,051	99.99%	47,421	0.22%	16.23%	1.02	3,535	7.46%	17	49
	0.25 to <0.50	40,643	1,797	99.92%	42,440	0.37%	14.43%	1.02	4,277	10.08%	23	75
	0.50 to <0.75	16,141	960	100.00%	17,100	0.69%	14.64%	1.03	2,685	15.70%	18	74
	0.75 to <2.50	26,498	1,159	99.93%	27,657	1.43%	17.06%	1.06	7,920	28.64%	67	299
	0.75 to <1.75	24,686	1,130	99.93%	25,816	1.37%	17.26%	1.03	7,352	28.48%	61	278
	1.75 to <2.5	1,812	29	99.68%	1,841	2.17%	14.22%	1.47	568	30.88%	6	21
	2.50 to <10.00	14,447	676	99.99%	15,123	5.68%	17.60%	1.05	9,958	65.85%	151	505
	2.5 to <5	8,616	386	99.99%	9,002	4.16%	17.88%	1.05	5,158	57.30%	67	275
	5 to <10	5,831	290	100.00%	6,121	7.90%	17.18%	1.05	4,800	78.41%	83	229
	10.00 to <100.00	2,906	90	100.00%	2,997	19.28%	19.67%	1.06	3,390	113.13%	119	206
	10 to <20	2,158	73	100.00%	2,231	15.01%	19.65%	1.00	2,477	111.00%	66	148
	20 to <30	412	12	99.96%	424	24.58%	17.01%	1.43	456	107.52%	18	30
	30.00 to <100.00	336	5	100.00%	341	40.59%	23.11%	1.00	457	134.05%	35	28
	100.00 (Default)	3,410	13	31.78%	3,414	100.00%	39.52%	1.05	895	26.22%	1,347	1,205
	Sub-total	415,467	16,323	99.93%	431,780	1.35%	14.35%	1.01	39,511	9.15%	1,766	2,464
Retail - Qualifying revolving	0.00 to <0.15	352	7,247	157.96%	11,896	0.07%	36.58%	1.00	211	1.77%	3	2
	0.00 to <0.10	149	4,637	167.68%	7,948	0.04%	35.64%	1.00	97	1.23%	1	1
	0.10 to <0.15	204	2,611	140.70%	3,948	0.11%	38.47%	1.00	114	2.88%	2	1
	0.15 to <0.25	133	785	180.37%	1,548	0.22%	28.87%	1.00	54	3.51%	1	1
	0.25 to <0.50	301	1,795	101.16%	2,144	0.37%	42.21%	1.00	172	8.05%	3	2
	0.50 to <0.75	259	2,129	80.71%	1,981	0.62%	53.98%	1.00	300	15.15%	6	5
	0.75 to <2.50	1,116	1,975	103.32%	3,193	1.60%	47.23%	1.00	927	29.03%	25	18
	0.75 to <1.75	748	1,263	121.71%	2,313	1.42%	41.31%	1.00	520	22.46%	13	9
	1.75 to <2.5	368	712	70.69%	879	2.08%	62.80%	1.00	407	46.31%	11	9
	2.50 to <10.00	1,513	1,331	110.27%	3,032	4.63%	52.64%	1.00	1,956	64.53%	71	57
	2.5 to <5	1,206	1,195	98.85%	2,399	3.80%	54.61%	1.00	1,444	60.20%	49	40
	5 to <10	306	136	210.40%	633	7.78%	45.20%	1.00	512	80.92%	22	16
	10.00 to <100.00	362	152	144.12%	598	19.34%	53.01%	1.00	790	132.07%	61	66
	10 to <20	282	136	142.87%	487	13.60%	53.49%	1.00	624	128.08%	35	37
	20 to <30	17	3	318.81%	31	24.89%	42.50%	1.00	40	132.26%	3	2
	30.00 to <100.00	64	13	111.10%	80	52.05%	54.06%	1.00	125	156.15%	23	27
	100.00 (Default)	272	17	9.43%	274	100.00%	81.68%	1.00	64	23.47%	224	188
	Sub-total	4,309	15,432	130.43%	24,666	2.48%	42.23%	1.00	4,475	18.14%	394	339
Retail - Other SME	0.00 to <0.15	8,134	1,001	142.23%	9,559	0.13%	28.71%	1.29	929	9.72%	4	10
	0.00 to <0.10	122	0	225.65%	122	0.07%	4.19%	1.00	1	0.82%	0	-
	0.10 to <0.15	8,013	1,001	142.21%	9,437	0.13%	29.03%	1.29	928	9.84%	4	10
	0.15 to <0.25	22,777	2,364	161.42%	26,592	0.19%	24.65%	1.36	3,156	11.87%	13	33
	0.25 to <0.50	26,997	2,942	150.41%	31,468	0.37%	24.16%	1.31	5,247	16.67%	29	91
	0.50 to <0.75	1,504	425	33.09%	1,743	0.57%	37.84%	1.26	444	25.50%	4	3
	0.75 to <2.50	28,634	2,927	141.02%	32,840	1.26%	28.56%	1.33	10,486	31.93%	115	422
	0.75 to <1.75	22,510	2,183	129.56%	25,414	1.02%	30.71%	1.35	8,337	32.80%	83	297
	1.75 to <2.5	6,125	745	174.60%	7,426	2.05%	21.18%	1.27	2,149	28.94%	32	125
	2.50 to <10.00	12,269	1,354	124.54%	14,018	5.28%	32.22%	1.35	7,226	51.55%	235	789
	2.5 to <5	5,563	750	102.94%	6,376	3.67%	37.52%	1.33	3,436	53.90%	87	301
	5 to <10	6,706	603	151.40%	7,642	6.62%	27.79%	1.36	3,789	49.58%	149	487
	10.00 to <100.00	3,550	373	125.62%	4,034	20.97%	27.91%	1.34	2,691	66.72%	267	445
	10 to <20	2,841	246	143.15%	3,203	15.16%	25.69%	1.29	1,868	58.30%	129	345
	20 to <30	171	13	45.25%	181	25.15%	35.22%	1.49	161	88.90%	16	21

	30.00 to <100.00	537	114	96.65%	649	48.45%	36.82%	1.54	662	102.06%	121	79
	100.00 (Default)	3,529	183	15.20%	3,566	100.00%	62.78%	1.20	990	27.76%	2,236	2,280
	Sub-total	107,394	11,568	139.31%	123,819	4.65%	28.12%	1.33	31,168	25.17%	2,902	4,072
Retail - Other non-SME	0.00 to <0.15	50,949	2,896	114.04%	54,354	0.07%	16.58%	1.00	1,872	3.44%	7	15
	0.00 to <0.10	34,034	1,902	119.48%	36,314	0.05%	14.82%	1.00	799	2.20%	3	6
	0.10 to <0.15	16,914	994	103.62%	18,039	0.12%	20.11%	1.01	1,072	5.95%	4	9
	0.15 to <0.25	13,382	720	103.94%	14,196	0.21%	22.98%	1.01	1,486	10.47%	7	13
	0.25 to <0.50	11,536	784	97.57%	12,380	0.38%	27.87%	1.02	2,341	18.91%	13	23
	0.50 to <0.75	5,288	399	94.28%	5,712	0.68%	28.13%	1.03	1,468	25.71%	11	18
	0.75 to <2.50	17,916	840	107.31%	18,905	1.49%	37.61%	1.01	9,085	48.06%	105	139
	0.75 to <1.75	14,514	765	111.51%	15,432	1.31%	38.34%	1.01	7,325	47.47%	78	108
	1.75 to <2.5	3,402	75	64.55%	3,472	2.28%	34.35%	1.04	1,760	50.69%	27	31
	2.50 to <10.00	10,657	297	105.28%	11,081	4.56%	43.83%	1.01	7,726	69.73%	205	255
	2.5 to <5	7,785	127	110.68%	7,994	3.51%	46.39%	1.01	5,746	71.88%	122	143
	5 to <10	2,872	171	101.28%	3,086	7.29%	37.20%	1.01	1,980	64.14%	83	112
	10.00 to <100.00	1,874	57	109.53%	2,072	23.23%	35.43%	1.01	1,699	82.02%	213	274
	10 to <20	1,220	30	109.02%	1,310	14.30%	33.51%	1.00	918	70.09%	62	88
	20 to <30	284	15	116.17%	378	26.20%	38.94%	1.04	397	105.21%	38	46
	30.00 to <100.00	370	11	102.01%	384	50.78%	38.50%	1.00	384	99.89%	113	140
	100.00 (Default)	2,976	9	35.91%	3,019	100.00%	67.60%	1.02	817	27.07%	2,046	1,863
	Sub-total	114,576	6,003	107.83%	121,717	3.65%	26.35%	1.01	26,495	21.77%	2,607	2,600
TOTAL (all exposures classes)		899,855	209,329	71.61%	1,044,906			1.40	175,192	16.77%	11,272	14,275

2.2.2.3 Use of credit derivatives for hedging purposes

IRB APPROACH – EFFECT ON THE RWAS OF CREDIT DERIVATIVES USED AS CRM TECHNIQUES (CR7)

		30/06/2022		31/12/2021	
		Pre-credit derivatives risk weighted exposure amount	Actual risk weighted exposure amount	Pre-credit derivatives risk weighted exposure amount	Actual risk weighted exposure amount
<i>(in millions of euros)</i>					
1	Exposures under F-IRB	104,844	104,844	86,032	86,032
2	Central governments and central banks	1,417	1,417	1,654	1,654
3	Institutions	9,344	9,344	9,923	9,923
4	Corporates	94,082	94,082	74,455	74,455
4.1	<i>of which Corporates - SMEs</i>	31,531	31,531	23,767	23,767
4.2	<i>of which Corporates - Specialised lending</i>	2,766	2,766	2,479	2,479
5	Exposures under A-IRB	187,755	184,940	177,663	175,192
6	Central governments and central banks	1,911	1,911	1,029	1,029
7	Institutions	2,431	2,659	2,711	2,885
8	Corporates	83,942	80,899	65,031	62,387
8.1	<i>of which Corporates - SMEs</i>	16,608	16,608	1,332	1,332
8.2	<i>of which Corporates - Specialised lending</i>	13,501	13,501	12,300	12,300
9	Retail	99,471	99,471	108,891	108,891
9.1	<i>of which Retail – SMEs - Secured by immovable property collateral</i>	7,210	7,210	7,242	7,242
9.2	<i>of which Retail – non-SMEs - Secured by immovable property collateral</i>	41,192	41,192	39,511	39,511
9.3	<i>of which Retail – Qualifying revolving</i>	4,671	4,671	4,475	4,475
9.4	<i>of which Retail – SMEs - Other</i>	18,343	18,343	31,168	31,168
9.5	<i>of which Retail – Non-SMEs- Other</i>	28,055	28,055	26,495	26,495
10	TOTAL (including F-IRB exposures and A-IRB exposures)	292,599	289,783	263,694	261,224

Exposures to SMEs exceeding €1 million under the IRBA approach, previously categorized as Retail exposures, are categorized from 2022, June 30th as Corporates (SME) exposures in accordance with the COREP. Since weightings are identical, there is no impact on RWAs.

IRB APPROACH – DISCLOSURE OF THE EXTENT OF THE USE OF CRM TECHNIQUES (CR7-A)

30/06/2022		Total exposures	Credit risk Mitigation techniques											
			Funded credit Protection (FCP)								Unfunded credit Protection (UFCP)		RWA with substitution effects (both reduction and sustitution effects)	
			Part of exposures covered by Financial Collaterals (%)	Part of exposures covered by Other eligible collaterals (%)	Part of exposures covered by Immovable property Collaterals (%)	Part of exposures covered by Receivables (%)	Part of exposures covered by Other physical collateral (%)	Part of exposures covered by Other funded credit protection (%)	Part of exposures covered by Cash on deposit (%)	Part of exposures covered by Life insurance policies (%)	Part of exposures covered by Instruments held by a third party (%)	Part of exposures covered by Guarantees (%)		Part of exposures covered by Credit Derivatives (%)
(in millions of euros)														
F-IRB														
1	Central governments and central banks	257,280	-	0.00%	-	0.00%						-		1,417
2	Institutions	51,799	0.00%	0.17%	0.07%	0.11%	-							9,344
3	Corporates	161,888	0.45%	11.19%	7.54%	3.06%	0.60%							94,082
3.1	Of which Corporates – SMEs	53,777	0.77%	19.22%	13.99%	4.44%	0.80%							31,531
3.2	Of which Corporates – Specialised lending	4,050	0.07%	14.01%	1.87%	11.71%	0.43%							2,766
3.3	Of which Corporates – Other	104,061	0.30%	6.93%	4.43%	2.01%	0.50%							59,786
4	TOTAL	470,966	0.16%	3.87%	2.60%	1.06%	0.20%							104,844

31/12/2021		Total exposures	Credit risk Mitigation techniques											
			Funded credit Protection (FCP)								Unfunded credit Protection (UFCP)		RWA with substitution effects (both reduction and sustitution effects)	
			Part of exposures covered by Financial Collaterals (%)	Part of exposures covered by Other eligible collaterals (%)	Part of exposures covered by Immovable property Collaterals (%)	Part of exposures covered by Receivable s (%)	Part of exposures covered by Other physical collateral (%)	Part of exposures covered by Other funded credit protection (%)	Part of exposures covered by Cash on deposit (%)	Part of exposures covered by Life insurance policies (%)	Part of exposures covered by Instrument s held by a third party (%)	Part of exposures covered by Guarantees (%)		Part of exposures covered by Credit Derivatives (%)
(in millions of euros)														
F-IRB														
1	Central governments and central banks	232,233	-	0.00%	0.00%	0.00%	-	-	-	-	-	-	-	1,654
2	Institutions	52,134	0.00%	0.16%	0.05%	0.11%	-	-	-	-	-	-	-	9,923
3	Corporates	129,199	0.55%	8.83%	5.87%	2.23%	0.73%	-	-	-	-	-	-	74,455
3.1	Of which Corporates – SMEs	39,921	0.96%	15.76%	11.31%	3.40%	1.05%	-	-	-	-	-	-	23,767
3.2	Of which Corporates – Specialised lending	3,527	0.08%	12.93%	2.07%	10.52%	0.34%	-	-	-	-	-	-	2,479
3.3	Of which Corporates – Other	85,751	0.39%	5.44%	3.49%	1.35%	0.60%	-	-	-	-	-	-	48,209
4	TOTAL	413,566	0.17%	2.78%	1.84%	0.71%	0.23%	-	-	-	-	-	-	86,032

30/06/2022

(in millions of euros)

A-IRB

30/06/2022		Total exposures	Credit risk Mitigation techniques											
			Funded credit Protection (FCP)								Unfunded credit Protection (UFCP)		RWA with substitution effects (both reduction and sustitution effects)	
			Part of exposures covered by Financial Collaterals (%)	Part of exposures covered by Other eligible collaterals (%)	Part of exposures covered by Immovable property Collaterals (%)	Part of exposures covered by Receivable s (%)	Part of exposures covered by Other physical collateral (%)	Part of exposures covered by Other funded credit protection (%)	Part of exposures covered by Cash on deposit (%)	Part of exposures covered by Life insurance policies (%)	Part of exposures covered by Instrument s held by a third party (%)	Part of exposures covered by Guarantees (%)		Part of exposures covered by Credit Derivatives (%)
(in millions of euros)														
A-IRB														
1	Central governments and central banks	127,736	0.00%											1,911
2	Institutions	24,059	-					-	-					2,659
3	Corporates	206,985	1.70%	12.11%	6.65%		5.47%					0.71%		80,899
3.1	Of which Corporates – SMEs	29,622	0.29%	13.24%	13.24%							4.96%		16,608
3.2	Of which Corporates – Specialised lending	46,157	1.04%	45.34%	20.83%		24.51%							13,501
3.3	Of which Corporates – Other	131,206	2.26%	0.17%	0.17%									50,790
4	Retail	725,213		23.97%	23.97%							41.16%		99,471
4.1	Of which Retail – Immovable property SMEs	27,720		82.53%	82.53%							6.31%		7,210
4.2	Of which Retail – Immovable property non-SMEs	442,917		33.69%	33.69%							64.48%		41,192
4.3	Of which Retail – Qualifying revolving	24,743												4,671
4.4	Of which Retail – Other SMEs	103,144		0.05%	0.05%							9.82%		18,343
4.5	Of which Retail – Other non-SMEs	126,690		1.34%	1.34%							0.82%		28,055
5	TOTAL	1,083,993	0.33%	18.35%	17.31%		1.04%	-	-			27.67%		184,940

31/12/2021

(in millions of euros)

A-IRB

31/12/2021		Total exposures	Credit risk Mitigation techniques											
			Funded credit Protection (FCP)									Unfunded credit Protection (UFCP)		RWA with substitution effects (both reduction and sustitution effects)
			Part of exposures covered by Financial Collaterals (%)	Part of exposures covered by Other eligible collaterals (%)	Part of exposures covered by Immovable property Collaterals (%)	Part of exposures covered by Receivables (%)	Part of exposures covered by Other physical collateral (%)	Part of exposures covered by Other funded credit protection (%)	Part of exposures covered by Cash on deposit (%)	Part of exposures covered by Life insurance policies (%)	Part of exposures covered by Instruments held by a third party (%)	Part of exposures covered by Guarantees (%)	Part of exposures covered by Credit Derivatives (%)	
(in millions of euros)														
A-IRB														
1	Central governments and central banks	109,440	0.00%	-	-	-	-	-	-	-	-	-	-	1,029
2	Institutions	24,770	-	-	-	-	-	-	-	-	-	-	-	2,885
3	Corporates	182,263	2.08%	11.08%	5.31%	-	5.76%	-	-	-	-	-	-	62,387
3.1	Of which Corporates – SMEs	3,089	3.56%	0.26%	0.26%	-	-	-	-	-	-	-	-	1,332
3.2	Of which Corporates – Specialised lending	54,135	0.82%	36.73%	17.32%	-	19.41%	-	-	-	-	-	-	12,300
3.3	Of which Corporates – Other	125,039	2.59%	0.24%	0.24%	-	-	-	-	-	-	-	-	48,755
4	Retail	728,433	-	24.15%	24.15%	-	-	-	-	-	-	39.38%	-	108,891
4.1	Of which Retail – Immovable property SMEs	26,450	-	77.36%	77.36%	-	-	-	-	-	-	6.34%	-	7,242
4.2	Of which Retail – Immovable property non-SMEs	431,780	-	35.14%	35.14%	-	-	-	-	-	-	63.07%	-	39,511
4.3	Of which Retail – Qualifying revolving	24,666	-	-	-	-	-	-	-	-	-	-	-	4,475
4.4	Of which Retail – Other SMEs	123,819	-	2.95%	2.95%	-	-	-	-	-	-	9.54%	-	31,168
4.5	Of which Retail – Other non-SMEs	121,717	-	0.03%	0.03%	-	-	-	-	-	-	0.88%	-	26,495
5	TOTAL	1,044,906	0.36%	18.76%	17.76%	-	1.01%	-	-	-	-	27.46%	-	175,192

2.2.2.4 Change in RWA

STATEMENT OF RISK-WEIGHTED ASSET (RWA) FLOWS FOR CREDIT RISK EXPOSURES UNDER THE INTERNAL RATINGS-BASED APPROACH (CR8)

30/06/2022

(in millions of euros)		RWA amounts
1	RWAs as at the end of the previous reporting period (31/03/2022)	282,738
2	Asset size (+/-)	8,163
3	Asset quality (+/-)	(1,982)
4	Model updates (+/-)	431
5	Methodology and policy (+/-)	-
6	Acquisitions and disposals (+/-)	-
7	Foreign exchange movements (+/-)	2,831
8	Other (+/-)	(2,399)
9	RWAs as at the end of the reporting period (30/06/2022)	289,783

The change shown in line 8 “Other (+/-)” of the CR8 table can primarily be explained by the implementation of a synthetic securitization operation at Crédit Agricole CIB (CEDAR_2022_1) at 30.06.2022.

2.2.3 Counterparty credit risk

The Group calculates counterparty risk for all their exposures, whether in the banking book or the trading book. For items in the trading book, counterparty risk is calculated in accordance with the provisions relating to the regulatory supervision of market risk.

The regulatory treatment of counterparty risk on transactions on forward financial instruments in the banking portfolio is defined on a regulatory basis in amended Regulation (EU) 575/2013 of 26 June 2013. Crédit Agricole Group uses the standardised approach to measure its exposure to counterparty risk on transactions on forward financial instruments in the banking portfolio (Article 274) or the internal model method (Article 283).

2.2.3.1 Analysis of exposure to counterparty risk

EXPOSURE TO COUNTERPARTY RISK BY APPROACH AT 30 JUNE 2022

30/06/2022	Standard		IRB		Total		
	Exposure value (EAD)	RWA	Exposure value (EAD)	RWA	Exposure value (EAD)	RWA	Capital Requirement
<i>(in billions of euros)</i>							
Central governments and central banks	0.5	0.0	9.8	0.2	10.3	0.2	0.0
Institutions	12.2	2.1	28.5	4.9	40.7	7.0	0.6
Corporates	2.6	2.5	37.5	10.7	40.1	13.2	1.1
Retail Customers	-	-	-	-	-	-	-
Shares	-	-	-	-	-	-	-
Securitisations	-	-	-	-	-	-	-
Other non credit-obigation assets	-	-	-	-	-	-	-
TOTAL	15.3	4.6	75.8	15.9	91.1	20.4	1.6

EXPOSURE TO COUNTERPARTY RISK BY APPROACH AT 31 DECEMBER 2021

31/12/2021	Standard		IRB		Total		
	Exposure value (EAD)	RWA	Exposure value (EAD)	RWA	Exposure value (EAD)	RWA	Capital Requirement
<i>(in billions of euros)</i>							
Central governments and central banks	6.1	-	8.6	0.2	14.7	0.2	-
Institutions	11.9	1.9	22.1	4.2	34.0	6.2	0.5
Corporates	2.7	2.5	29.0	9.7	31.6	12.2	1.0
Retail Customers	-	-	-	-	-	-	-
Shares	-	-	-	-	-	-	-
Securitisations	-	-	-	-	-	-	-
Other non credit-obigation assets	-	-	-	-	-	-	-
TOTAL	20.6	4.4	59.7	14.1	80.3	18.6	1.5

2.2.3.2 Exposure to counterparty risk by approach

ANALYSIS OF EXPOSURE TO COUNTERPARTY RISK BY APPROACH (CCR1)

30/06/2022		Replacem ent cost (RC)	Potential future exposure (PFE)	EEPE	Alpha used for computin g regulatory exposure value	Exposure value pre- CRM	Exposure value post-CRM	Exposure value	RWA
(in millions of euros)									
EU1	EU - Original Exposure Method (for derivatives)	-	-		1.4	-	-	-	-
EU2	EU - Simplified SA-CCR (for derivatives)	-	-		1.4	-	-	-	-
1	SA-CCR (for derivatives)	4,137	3,329		1.4	15,765	10,452	10,427	4,659
2	IMM (for derivatives and SFTs)			25,705	1.65	100,008	42,414	42,168	11,400
2a	Of which securities financing transactions netting sets			-		-	-	-	-
2b	Of which derivatives and long settlement transactions netting sets			25,705		100,008	42,414	42,168	11,400
2c	Of which from contractual cross-product netting sets			-		-	-	-	-
3	Financial collateral simple method (for SFTs)					-	-	-	-
4	Financial collateral comprehensive method (for SFTs)					290,264	31,806	31,777	4,253
5	VaR for SFTs					-	-	-	-
6	TOTAL					406,037	84,673	84,373	20,312

31/12/2021		Replacem ent cost (RC)	Potential future exposure (PFE)	EEPE	Alpha used for computin g regulatory exposure value	Exposure value pre- CRM	Exposure value post-CRM	Exposure value	RWA
(in millions of euros)									
EU1	EU - Original Exposure Method (for derivatives)	-	-		1.4	-	-	-	-
EU2	EU - Simplified SA-CCR (for derivatives)	0	16		1.4	24	24	24	24
1	SA-CCR (for derivatives)	3,288	3,123		1.4	13,468	8,976	8,935	4,476
2	IMM (for derivatives and SFTs)			20,941	1.65	65,145	34,553	34,384	10,131
2a	Of which securities financing transactions netting sets			-		-	-	-	-
2b	Of which derivatives and long settlement transactions netting sets			20,941		65,145	34,553	34,384	10,131
2c	Of which from contractual cross-product netting sets			-		-	-	-	-
3	Financial collateral simple method (for SFTs)					-	-	-	-
4	Financial collateral comprehensive method (for SFTs)					260,996	30,457	30,384	3,827
5	VaR for SFTs					-	-	-	-
6	TOTAL					339,632	74,010	73,726	18,458

2.2.3.3 Exposure to counterparty risk under the standardised approach

EXPOSURES TO COUNTERPARTY RISK UNDER THE STANDARDISED APPROACH BY REGULATORY PORTFOLIO AND BY RISK WEIGHTING AT 30 JUNE 2022 (CCR3)

30/06/2022	Risk weight											
Exposure classes (in millions of euros)	0%	2%	4%	10%	20%	50%	70%	75%	100%	150%	Other	Total Exposure to credit
Central governments or central banks	532	-	-	-	-	-	-	-	1	-	-	534
Regional government or local authorities	-	-	-	-	-	-	-	-	-	-	-	-
Public sector entities	3	-	-	-	6	-	-	-	-	-	-	10
Multilateral development banks	-	-	-	-	-	-	-	-	-	-	-	-
International organisations	-	-	-	-	-	-	-	-	-	-	-	-
Institutions	2	6,743	0	-	2,749	2,479	-	-	187	0	-	12,161
Corporates	-	-	-	-	10	225	-	-	2,334	9	-	2,578
Retail	-	-	-	-	-	-	-	1	-	-	-	1
Institutions and corporates with a short-term credit assessment	-	-	-	-	-	-	-	-	-	-	-	-
Other items	-	-	-	-	-	-	-	-	0	1	-	1
TOTAL EXPOSURE VALUE	537	6,743	0	-	2,766	2,703	-	1	2,523	10	-	15,284

EXPOSURES TO COUNTERPARTY RISK UNDER THE STANDARDISED APPROACH BY REGULATORY PORTFOLIO AND BY RISK WEIGHTING AT 31 DECEMBER 2021 (CCR3)

31/12/2021	Risk weight											
Exposure classes (in millions of euros)	0%	2%	4%	10%	20%	50%	70%	75%	100%	150%	Other	Total Exposure to credit
Central governments or central banks	6,036	-	-	-	-	-	-	-	7	-	-	6,042
Regional government or local authorities	-	-	-	-	-	-	-	-	-	-	-	-
Public sector entities	19	-	-	-	9	-	-	-	-	-	-	28
Multilateral development banks	-	-	-	-	0	-	-	-	-	-	-	0
International organisations	-	-	-	-	-	-	-	-	-	-	-	-
Institutions	0	6,576	0	-	3,022	2,209	-	-	80	0	-	11,887
Corporates	-	-	-	-	11	315	-	-	2,307	44	-	2,677
Retail	-	-	-	-	-	-	-	5	-	-	-	5
Institutions and corporates with a short-term credit assessment	-	-	-	-	-	-	-	-	-	-	-	-
Other items	-	-	-	-	-	-	-	-	0	2	-	2
TOTAL EXPOSURE VALUE	6,055	6,576	0	-	3,042	2,525	-	5	2,393	46	-	20,642

2.2.3.4 Exposure to counterparty risk under the advanced approach

COUNTERPARTY RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE, SUPERVISORY PORTFOLIOS FOR FOUNDATION INTERNAL RATINGS-BASED APPROACH AT 30 JUNE 2022 (CCR4)

30/06/2022	PD scale	Exposure value	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	RWA	Density of risk weighted exposure amounts
<i>Exposure classes (in millions of euros)</i>							
Institutions	0.00 to <0.15	107	0.04%	45.00%	2.50	25	23.58%
	0.15 to <0.25	37	0.16%	45.00%	2.50	18	49.51%
	0.25 to <0.50	0	0.25%	44.98%	2.50	0	76.51%
	0.50 to <0.75	1	0.60%	45.00%	2.50	1	79.98%
	0.75 to <2.50	0	0.78%	45.00%	2.50	0	100.57%
	2.50 to <10.00	-	-	-	-	-	-
	10.00 to <100.00	0	20.00%	44.99%	2.50	0	286.68%
	100.00 (Default)	-	-	-	-	-	-
	Sub-total	145	0.08%	45.00%	2.50	44	30.64%
Corporates - Other	0.00 to <0.15	386	0.04%	45.00%	4.22	106	27.59%
	0.15 to <0.25	8	0.16%	45.00%	2.50	3	41.13%
	0.25 to <0.50	74	0.37%	45.00%	2.49	47	63.57%
	0.50 to <0.75	25	0.60%	45.00%	2.50	20	80.00%
	0.75 to <2.50	31	1.05%	45.00%	2.54	31	98.59%
	2.50 to <10.00	11	4.47%	45.00%	2.55	16	153.29%
	10.00 to <100.00	9	15.43%	45.00%	2.50	22	241.13%
	100.00 (Default)	2	100.00%	45.00%	2.50	-	-
	Sub-total	546	0.88%	45.00%	3.72	246	45.12%
Corporates - SME	0.00 to <0.15	6	0.06%	45.00%	2.50	1	16.32%
	0.15 to <0.25	2	0.16%	45.00%	2.50	1	31.83%
	0.25 to <0.50	14	0.39%	45.00%	2.50	7	46.43%
	0.50 to <0.75	3	0.60%	45.00%	2.50	2	60.79%
	0.75 to <2.50	22	1.02%	45.00%	2.50	15	68.40%
	2.50 to <10.00	14	3.70%	45.00%	2.50	13	95.23%
	10.00 to <100.00	1	18.12%	45.00%	2.50	2	170.16%
	100.00 (Default)	1	100.00%	45.00%	2.50	-	-
	Sub-total	63	2.61%	45.00%	2.50	40	63.38%
TOTAL		754	0.87%	45.00%	3.38	330	43.85%

**COUNTERPARTY RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE,
SUPERVISORY PORTFOLIOS FOR FOUNDATION INTERNAL RATINGS-BASED APPROACH AT 31
DECEMBER 2021 (CCR4)**

31/12/2021	PD scale	Exposure value	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	RWA	Density of risk weighted exposure amounts
<i>Exposure classes (in millions of euros)</i>							
Institutions	0.00 to <0.15	219	0.03%	45.00%	2.50	48	21.92%
	0.15 to <0.25	38	0.16%	45.00%	2.50	16	41.68%
	0.25 to <0.50	1	0.30%	45.00%	2.50	1	76.44%
	0.50 to <0.75	34	0.60%	45.00%	2.50	34	102.21%
	0.75 to <2.50	0	0.77%	45.00%	2.50	0	105.50%
	2.50 to <10.00	-	-	-	0.00	-	-
	10.00 to <100.00	0	20.02%	44.98%	2.50	0	286.63%
	100.00 (Default)	-	-	-	0.00	-	-
	Sub-total	292	0.12%	45.00%	2.50	99	34.11%
Corporates - Other	0.00 to <0.15	380	0.05%	45.00%	4.35	120	31.47%
	0.15 to <0.25	49	0.16%	45.00%	2.75	21	43.38%
	0.25 to <0.50	152	0.33%	45.00%	2.47	92	60.33%
	0.50 to <0.75	107	0.60%	45.00%	2.50	86	80.02%
	0.75 to <2.50	67	1.12%	45.00%	2.54	67	100.85%
	2.50 to <10.00	39	5.30%	45.00%	2.56	63	162.26%
	10.00 to <100.00	17	16.21%	45.00%	2.50	41	244.37%
	100.00 (Default)	5	100.00%	45.00%	2.50	-	-
	Sub-total	815	1.40%	45.00%	3.38	489	60.08%
Corporates - SME	0.00 to <0.15	17	0.06%	45.00%	2.50	3	17.74%
	0.15 to <0.25	5	0.16%	45.00%	2.50	1	27.90%
	0.25 to <0.50	34	0.34%	45.00%	2.50	15	46.07%
	0.50 to <0.75	12	0.60%	45.00%	2.55	8	61.55%
	0.75 to <2.50	66	0.94%	45.00%	2.60	46	69.30%
	2.50 to <10.00	27	3.37%	45.00%	2.50	25	91.68%
	10.00 to <100.00	3	18.12%	45.00%	2.50	5	170.19%
	100.00 (Default)	3	100.00%	45.00%	2.50	-	-
	Sub-total	167	3.26%	45.00%	2.54	103	61.49%
TOTAL		1,273	1.35%	45.00%	3.07	692	54.32%

**COUNTERPARTY RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE,
SUPERVISORY PORTFOLIOS FOR ADVANCED INTERNAL RATINGS-BASED APPROACH AT 30
JUNE 2022 (CCR4)**

30/06/2022	PD scale	Exposure value	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	RWA	Density of risk weighted exposure amounts
<i>Exposure classes (in millions of euros)</i>							
Central governments and central banks	0.00 to <0.15	9,202	0.01%	7.96%	2.89	162	1.76%
	0.15 to <0.25	501	0.16%	5.82%	1.78	29	5.69%
	0.25 to <0.50	24	0.32%	10.00%	1.43	3	10.53%
	0.50 to <0.75	34	0.60%	10.00%	2.17	6	16.85%
	0.75 to <2.50	31	0.75%	45.00%	4.94	37	119.81%
	2.50 to <10.00	0	5.00%	45.00%	3.84	0	175.87%
	10.00 to <100.00	4	20.00%	45.00%	4.05	12	269.29%
	100.00 (Default)	-	-	-	-	-	-
	Sub-total	9,797	0.03%	8.00%	2.83	248	2.53%
Institutions	0.00 to <0.15	22,820	0.05%	21.76%	1.87	1,883	8.25%
	0.15 to <0.25	2,703	0.16%	34.33%	2.11	1,030	38.09%
	0.25 to <0.50	1,724	0.30%	41.65%	1.52	944	54.73%
	0.50 to <0.75	451	0.60%	44.64%	1.81	390	86.43%
	0.75 to <2.50	633	0.89%	45.13%	1.08	578	91.40%
	2.50 to <10.00	6	5.00%	80.01%	1.51	15	263.16%
	10.00 to <100.00	10	19.98%	54.20%	2.98	36	348.22%
	100.00 (Default)	0	100.00%	45.00%	2.13	-	-
	Sub-total	28,347	0.11%	25.08%	1.85	4,876	17.20%
Corporates - Other	0.00 to <0.15	22,340	0.05%	29.99%	1.59	2,876	12.87%
	0.15 to <0.25	1,977	0.16%	33.42%	2.37	813	41.13%
	0.25 to <0.50	5,036	0.30%	31.86%	1.24	1,809	35.93%
	0.50 to <0.75	2,998	0.60%	32.12%	0.51	1,210	40.37%
	0.75 to <2.50	2,613	0.97%	49.37%	0.90	2,082	79.67%
	2.50 to <10.00	690	4.77%	41.74%	2.09	972	140.99%
	10.00 to <100.00	99	18.47%	49.55%	1.76	260	262.56%
	100.00 (Default)	10	100.00%	45.00%	2.88	10	102.99%
	Sub-total	35,762	0.37%	32.32%	1.46	10,033	28.06%
Corporates - SME	0.00 to <0.15	22	0.03%	52.30%	3.15	4	18.71%
	0.15 to <0.25	1	0.16%	52.30%	1.87	0	34.89%
	0.25 to <0.50	5	0.28%	52.30%	2.68	3	48.43%
	0.50 to <0.75	1	0.60%	58.30%	1.00	1	62.33%
	0.75 to <2.50	10	0.94%	52.46%	3.55	9	90.21%
	2.50 to <10.00	0	3.00%	52.30%	1.02	0	82.95%
	10.00 to <100.00	0	20.00%	54.96%	1.00	0	223.48%
	100.00 (Default)	-	-	-	-	-	-
	Sub-total	40	0.38%	52.54%	3.07	17	42.66%
Corporates - Specialised lending	0.00 to <0.15	162	0.06%	8.10%	4.18	10	6.12%
	0.15 to <0.25	489	0.16%	21.34%	4.62	143	29.19%
	0.25 to <0.50	196	0.30%	23.14%	3.88	79	40.51%
	0.50 to <0.75	155	0.60%	13.67%	4.54	50	32.40%
	0.75 to <2.50	73	1.45%	12.71%	3.54	26	35.05%
	2.50 to <10.00	22	5.00%	11.28%	3.44	9	42.50%
	10.00 to <100.00	33	15.47%	30.48%	3.11	54	164.96%
	100.00 (Default)	1	100.00%	13.23%	2.34	-	-
	Sub-total	1,130	0.91%	18.21%	4.28	371	32.82%
Retail - Other SME	0.00 to <0.15	-	-	-	-	-	-
	0.15 to <0.25	0	0.22%	53.63%	1.00	0	24.64%
	0.25 to <0.50	0	0.44%	53.63%	1.00	0	38.11%
	0.50 to <0.75	0	0.54%	53.64%	1.00	0	42.63%
	0.75 to <2.50	0	1.09%	53.63%	1.00	0	59.74%
	2.50 to <10.00	0	5.42%	53.64%	1.00	0	84.99%
	10.00 to <100.00	0	14.44%	53.58%	1.00	0	104.07%
	100.00 (Default)	0	100.00%	68.05%	1.00	0	31.26%
	Sub-total	1	1.82%	53.72%	1.00	0	45.01%
TOTAL		75,076	0.24%	26.21%	1.83	15,545	20.71%

**COUNTERPARTY RISK EXPOSURES BY PORTFOLIO AND PROBABILITY OF DEFAULT (PD) RANGE,
SUPERVISORY PORTFOLIOS FOR ADVANCED INTERNAL RATINGS-BASED APPROACH AT 31
DECEMBER 2021 (CCR4)**

31/12/2021	PD scale	Exposure value	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	RWA	Density of risk weighted exposure amounts
<i>Exposure classes (in millions of euros)</i>							
Central governments and central banks	0.00 to <0.15	8,098	0.01%	5.14%	2.66	88	1.08%
	0.15 to <0.25	366	0.16%	8.90%	2.59	32	8.76%
	0.25 to <0.50	19	0.30%	10.00%	1.18	2	9.65%
	0.50 to <0.75	47	0.60%	9.88%	2.39	8	17.34%
	0.75 to <2.50	45	0.91%	45.00%	3.29	46	102.62%
	2.50 to <10.00	1	8.00%	45.00%	4.43	1	212.17%
	10.00 to <100.00	22	20.00%	45.00%	4.98	62	279.29%
	100.00 (Default)	-	-	-	0.00	-	-
	Sub-total	8,598	0.08%	5.65%	2.66	239	2.78%
Institutions	0.00 to <0.15	16,795	0.05%	21.69%	2.06	1,539	9.16%
	0.15 to <0.25	2,566	0.16%	34.15%	1.92	918	35.76%
	0.25 to <0.50	1,484	0.30%	37.43%	1.74	755	50.85%
	0.50 to <0.75	529	0.60%	45.50%	1.75	448	84.73%
	0.75 to <2.50	416	0.95%	49.31%	1.35	431	103.46%
	2.50 to <10.00	4	5.00%	86.10%	1.94	11	288.72%
	10.00 to <100.00	13	19.96%	57.18%	1.95	47	349.80%
	100.00 (Default)	0	100.00%	45.00%	2.34	-	-
	Sub-total	21,809	0.12%	25.36%	2.00	4,148	19.02%
Corporates - Other	0.00 to <0.15	16,068	0.04%	29.74%	1.64	1,900	11.82%
	0.15 to <0.25	1,900	0.16%	42.94%	3.11	1,019	53.63%
	0.25 to <0.50	2,596	0.32%	40.47%	1.78	1,280	49.31%
	0.50 to <0.75	1,958	0.60%	47.84%	0.72	1,194	60.96%
	0.75 to <2.50	1,763	0.95%	51.72%	1.17	1,526	86.57%
	2.50 to <10.00	486	4.55%	45.24%	2.99	794	163.43%
	10.00 to <100.00	168	15.66%	44.49%	2.52	402	239.69%
	100.00 (Default)	24	100.00%	45.00%	3.56	0	0.78%
	Sub-total	24,963	0.48%	35.25%	1.69	8,115	32.51%
Corporates - SME	0.00 to <0.15	37	0.04%	51.86%	2.09	5	13.95%
	0.15 to <0.25	3	0.16%	54.52%	1.80	1	35.29%
	0.25 to <0.50	13	0.28%	59.29%	1.32	6	45.12%
	0.50 to <0.75	2	0.60%	52.30%	3.32	1	89.33%
	0.75 to <2.50	20	1.09%	52.45%	4.37	19	98.76%
	2.50 to <10.00	1	3.16%	52.30%	4.46	1	119.88%
	10.00 to <100.00	0	19.80%	52.50%	3.52	1	195.49%
	100.00 (Default)	-	-	-	0.00	-	-
	Sub-total	76	0.51%	53.44%	2.59	35	45.79%
Corporates - Specialised lending	0.00 to <0.15	301	0.06%	8.11%	4.24	19	6.19%
	0.15 to <0.25	1,174	0.16%	16.31%	4.61	260	22.18%
	0.25 to <0.50	517	0.30%	17.33%	3.80	152	29.34%
	0.50 to <0.75	352	0.60%	13.65%	4.18	105	29.95%
	0.75 to <2.50	403	1.21%	13.72%	3.63	139	34.49%
	2.50 to <10.00	48	5.00%	20.92%	2.56	33	70.30%
	10.00 to <100.00	122	14.07%	33.17%	2.72	204	167.69%
	100.00 (Default)	19	100.00%	16.45%	4.16	-	-
	Sub-total	2,936	1.68%	15.75%	4.13	912	31.08%
Retail - Other SME	0.00 to <0.15	-	-	-	0.00	-	-
	0.15 to <0.25	1	0.22%	53.63%	1.00	0	24.63%
	0.25 to <0.50	1	0.44%	53.63%	1.00	0	38.10%
	0.50 to <0.75	1	0.55%	53.63%	1.00	1	43.30%
	0.75 to <2.50	1	1.42%	53.63%	1.00	1	64.92%
	2.50 to <10.00	0	5.51%	53.63%	1.00	0	84.98%
	10.00 to <100.00	0	26.41%	53.63%	1.00	0	134.90%
	100.00 (Default)	0	100.00%	73.62%	1.00	0	31.37%
	Sub-total	5	2.39%	53.75%	1.00	3	48.59%
TOTAL		58,387	0.35%	26.24%		13,452	23.04%

2.2.3.5 Guarantee

COMPOSITION OF GUARANTEES FOR COUNTERPARTY RISK EXPOSURES (CCR5)

30/06/2022		Collateral used in derivative transactions				Collateral used in SFTs			
Collateral type (in millions of euros)		Fair value of collateral received		Fair value of posted collateral		Fair value of collateral received		Fair value of posted collateral	
		Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
1	Cash – domestic currency	-	10,422	713	6,432	-	1,569	-	1,306
2	Cash – other currencies	-	11,607	129	4,951	-	604	-	1,811
3	Domestic sovereign debt	-	8,123	-	67	-	229,374	-	179,236
4	Other sovereign debt	-	4,906	-	-	-	126,344	-	105,093
5	Government agency debt	-	34	1,894	-	-	12,688	-	13,680
6	Corporate bonds	-	1,085	-	-	-	20,577	-	18,767
7	Equity securities	-	-	-	-	-	19,485	-	14,033
8	Other collateral	-	4,949	33	71	-	4,083	-	5,497
9	TOTAL	-	41,127	2,770	11,521	-	414,725	-	339,423

31/12/2021		Collateral used in derivative transactions				Collateral used in SFTs			
Collateral type (in millions of euros)		Fair value of collateral received		Fair value of posted collateral		Fair value of collateral received		Fair value of posted collateral	
		Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
1	Cash – domestic currency	-	10,455	981	7,151	-	398	-	677
2	Cash – other currencies	-	6,457	89	2,199	-	628	-	-
3	Domestic sovereign debt	-	6,376	-	130	-	199,227	-	164,854
4	Other sovereign debt	-	1,637	-	-	-	110,677	-	95,095
5	Government agency debt	-	23	1,646	-	-	12,641	-	11,837
6	Corporate bonds	-	316	-	-	-	20,010	-	14,481
7	Equity securities	-	38	-	-	-	17,222	-	14,059
8	Other collateral	-	1,167	18	8	-	3,567	-	7,204
9	TOTAL	-	26,469	2,733	9,488	-	364,371	-	308,208

2.2.3.6 Change in RWA under the internal models method (IMM)

STATEMENT OF FLOWS OF RISK-WEIGHTED ASSETS (RWA) FOR COUNTERPARTY RISK EXPOSURES UNDER THE INTERNAL MODELS METHOD (IMM) (CCR7)

30/06/2022

		RWA amounts
<i>(in millions of euros)</i>		
0010	RWAs as at the end of the previous reporting period (31/03/2022)	10,877
0020	Asset size	2,607
0030	Credit quality of counterparties	(336)
0040	Model updates (IMM only)	55
0050	Methodology and policy (IMM only)	-
0060	Acquisitions and disposals	-
0070	Foreign exchange movements	(1,651)
0080	Other	(153)
0090	RWAs as at the end of the reporting period (30/06/2022)	11,400

2.2.3.7 Central Counterparty Exposures (CCP)

CENTRAL COUNTERPARTY EXPOSURES (CCP) (CCR8)

		30/06/2022		31/12/2021	
		EAD post CRM	RWAs	EAD post CRM	RWAs
<i>(in millions of euros)</i>					
1	Exposures to QCCPs (total)		425		435
2	Exposures for trades at QCCPs (excluding initial margin and default fund contributions); of which	6,744	135	6,576	132
3	(i) OTC derivatives	2,260	45	1,872	37
4	(ii) Exchange-traded derivatives	21	0	285	6
5	(iii) SFTs	4,463	89	4,420	88
6	(iv) Netting sets where cross-product netting has been approved	-	-	-	-
7	Segregated initial margin	2,306		2,247	
8	Non-segregated initial margin	5,715	63	4,570	58
9	Prefunded default fund contributions	1,124	227	1,139	245
10	Unfunded default fund contributions	-	-		
11	Exposures to non-QCCPs (total)		-		-
12	Exposures for trades at non-QCCPs (excluding initial margin and default fund contributions); of which	-	-	-	-
13	(i) OTC derivatives	-	-	-	-
14	(ii) Exchange-traded derivatives	-	-	-	-
15	(iii) SFTs	-	-	-	-
16	(iv) Netting sets where cross-product netting has been approved	-	-	-	-
17	Segregated initial margin	-		-	
18	Non-segregated initial margin	-	-	-	-
19	Prefunded default fund contributions	-	-	-	-
20	Unfunded default fund contributions	-	-	-	-

2.2.3.8 CVA

CAPITAL REQUIREMENT FOR CREDIT VALUATION ADJUSTMENT (CVA) (CCR2)

		30/06/2022		31/12/2021	
		Exposure value	RWA	Exposure value	RWA
<i>(in millions of euros)</i>					
1	Total transactions subject to the Advanced method	21,099	3,166	17,675	2,690
2	(i) VaR component (including the 3x multiplier)	-	555	-	259
3	(ii) stressed VaR component (including the 3x multiplier)	-	2,612	-	2,431
4	Transactions subject to the Standardised method	26,829	2,521	25,029	2,174
EU4	Transactions subject to the Alternative approach (Based on the Original Exposure Method)	-	-	-	-
5	Total transactions subject to own funds requirements for CVA risk	47,928	5,688	42,705	4,864

2.2.3.9 Credit and counterparty risk mitigation techniques

CRM TECHNIQUES – OVERVIEW (CR3)

30/06/2022		Unsecured carrying amount	Secured carrying amount			
				Of which secured by collateral	Of which secured by financial guarantees	Of which secured by credit derivatives
<i>(in millions of euros)</i>						
1	Loans and advances	754,290	716,003	361,857	354,146	8,788
2	Debt securities	149,734	2,315	-	2,315	
3	TOTAL	904,024	718,318	361,857	356,461	8,788
4	Of which non-performing exposures	16,321	6,754	3,943	2,811	-

31/12/2021		Unsecured carrying amount	Secured carrying amount			
				Of which secured by collateral	Of which secured by financial guarantees	Of which secured by credit derivatives
(in millions of euros)						
1	Loans and advances	627,805	651,090	321,514	311,785	17,791
2	Debt securities	160,023	2,858	-	2,858	
3	TOTAL	787,828	653,948	321,514	314,642	17,791
4	Of which non-performing exposures	18,126	7,083	3,717	3,110	256

2.2.3.10 Risk mitigation techniques applied to counterparty risk

EXPOSURES TO CREDIT DERIVATIVES (CCR6)

30/06/2022

(in millions of euros)		Protection bought	Protection sold
Notionals			
0010	Single-name credit default swaps	23,703	13,034
0020	Index credit default swaps	2,924	869
0030	Total return swaps	19,990	865
0040	Credit options	-	-
0050	Other credit derivatives	-	-
0060	TOTAL NOTIONALS	46,617	14,769
Fair values			
0070	Positive fair value (asset)	1,520	1,816
0080	Negative fair value (liability)	(594)	(197)

2.2.4 Equity exposures in the banking portfolio

GROSS EXPOSURE AND EXPOSURE AT DEFAULT UNDER THE INTERNAL RATINGS-BASED APPROACH AT 30 JUNE 2022 (CR10.5)

30/06/2022	On-balance sheet amount	Off-balance sheet amount	Risk weight	Exposure amount	RWAs	Expected loss amount
Categories						
(in millions of euros)						
Private equity exposures	2,593	73	190%	2,666	5,065	21
Exchange-traded equity exposures	650	-	290%	650	1,886	5
Other equity exposures	12,100	3	370%	12,003	44,411	288
TOTAL	15,343	77		15,319	51,363	315

GROSS EXPOSURE AND EXPOSURE AT DEFAULT UNDER THE INTERNAL RATINGS-BASED APPROACH AT 31 DECEMBER 2021 (CR10.5)

31/12/2021	On-balance sheet amount	Off-balance sheet amount	Risk weight	Exposure amount	RWAs	Expected loss amount
Categories						
(in millions of euros)						
Private equity exposures	2,268	55	190%	2,323	4,413	19
Exchange-traded equity exposures	1,248	-	290%	1,248	3,619	10
Other equity exposures	18,147	0	370%	18,048	66,773	433
TOTAL	21,662	55		21,618	74,805	462

2.3 Securitisation

2.3.1 Exposure at default to securitisation transaction risks in the banking portfolio that generate risk-weighted assets

SECURITISATION EXPOSURES IN THE NON-TRADING BOOK (SEC1)

30/06/2022		Institution acts as originator							Institution acts as sponsor				Institution acts as investor				
		Traditional				Synthetic		Sub-total	Traditional		Synthetic	Sub-total	Traditional		Synthetic	Sub-total	
		STS		Non-STS					STS	Non-STS			STS	Non-STS			
		of which SRT	of which SRT	of which SRT	of which SRT												
(in millions of euros)																	
1	Total exposures	19,891	-	1,280	-	14,496	14,496	35,667	4,731	16,376	-	21,108	290	1,779	7	2,076	
2	Retail (total)	107	-	270	-	-	-	378	1,426	9,313	-	10,739	290	709	7	1,006	
3	Residential mortgage	-	-	-	-	-	-	-	-	-	-	-	159	3	-	161	
4	Credit card	-	-	-	-	-	-	-	-	246	-	246	-	-	-	-	
5	Other retail exposures	107	-	270	-	-	-	378	1,426	9,067	-	10,493	131	685	-	817	
6	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	21	7	29	
7	Wholesale (total)	19,784	-	1,010	-	14,496	14,496	35,290	3,305	7,064	-	10,369	-	1,070	-	1,070	
8	Loans to corporates	-	-	-	-	11,786	11,786	11,786	357	37	-	394	-	-	-	-	
9	Commercial mortgage	-	-	-	-	-	-	-	-	-	-	-	-	11	-	11	
10	Lease and receivables	19,784	-	896	-	-	-	20,679	2,948	4,634	-	7,582	-	296	-	296	
11	Other wholesale	-	-	114	-	2,710	2,710	2,825	-	2,392	-	2,392	-	763	-	763	
12	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

31/12/2021		Institution acts as originator							Institution acts as sponsor				Institution acts as investor				
		Traditional				Synthetic		Sub-total	Traditional		Synthetic	Sub-total	Traditional		Synthetic	Sub-total	
		STS		Non-STS					STS	Non-STS			STS	Non-STS			
		of which SRT	of which SRT	of which SRT	of which SRT												
(in millions of euros)																	
1	Total exposures	19,804	-	1,150	-	12,395	12,395	33,348	3,692	14,829	-	18,522	570	1,948	7	2,525	
2	Retail (total)	107	-	389	-	-	-	497	1,422	8,369	-	9,790	570	1,086	7	1,663	
3	Residential mortgage	-	-	-	-	-	-	-	-	-	-	-	438	14	-	452	
4	Credit card	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Other retail exposures	107	-	389	-	-	-	497	1,422	8,369	-	9,790	132	1,050	-	1,182	
6	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	22	7	29	
7	Wholesale (total)	19,697	-	760	-	12,395	12,395	32,852	2,271	6,461	-	8,731	-	862	-	862	
8	Loans to corporates	-	-	-	-	9,839	9,839	9,839	357	65	-	422	-	-	-	-	
9	Commercial mortgage	-	-	-	-	-	-	-	-	-	-	-	-	11	-	11	
10	Lease and receivables	19,697	-	754	-	-	-	20,451	1,914	4,185	-	6,099	-	241	-	241	
11	Other wholesale	-	-	6	-	2,556	2,556	2,561	-	2,211	-	2,211	-	611	-	611	
12	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

SECURITISATION EXPOSURES IN THE NON-TRADING BOOK AND ASSOCIATED REGULATORY CAPITAL REQUIREMENTS - INSTITUTION ACTING AS ORIGINATOR OR AS SPONSOR (SEC3)

30/06/2022		Exposure values (by RW bands/deductions)					Exposure values (by regulatory approach)				RWEA (by regulatory approach)				Capital charge after cap			
		≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%
(in millions of euros)																		
1	Total exposures	51,157	3,516	2,078	13	12	15,747	36,553	4,475	-	3,546	5,705	885	-	284	456	71	-
2	Traditional transactions	39,434	2,644	188	13	-	1,251	36,553	4,475	-	188	5,705	885	-	15	456	71	-
3	Securitisation	39,434	2,644	188	13	-	1,251	36,553	4,475	-	188	5,705	885	-	15	456	71	-
4	Retail underlying	10,996	120	-	-	-	-	8,471	2,646	-	-	1,325	403	-	-	106	32	-
5	Of which STS	1,507	27	-	-	-	-	1,426	107	-	-	146	11	-	-	12	1	-
6	Wholesale	28,438	2,523	188	13	-	1,251	28,082	1,829	-	188	4,380	482	-	15	350	39	-
7	Of which STS	21,873	1,191	-	-	-	-	23,064	-	-	-	3,449	-	-	-	276	-	-
8	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic transactions	11,722	872	1,890	-	12	14,496	-	-	-	3,358	-	-	-	269	-	-	-
10	Securitisation	11,722	872	1,890	-	12	14,496	-	-	-	3,358	-	-	-	269	-	-	-
11	Retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Wholesale	11,722	872	1,890	-	12	14,496	-	-	-	3,358	-	-	-	269	-	-	-
13	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

31/12/2021		Exposure values (by RW bands/deductions)					Exposure values (by regulatory approach)				RWEA (by regulatory approach)				Capital charge after cap			
		≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%
(in millions of euros)																		
1	Total exposures	46,473	3,268	2,107	11	11	13,330	34,342	4,198	-	2,954	5,674	803	-	236	454	64	-
2	Traditional transactions	37,256	2,202	6	11	-	935	34,342	4,198	-	140	5,674	803	-	11	454	64	-
3	Securitisation	37,256	2,202	6	11	-	935	34,342	4,198	-	140	5,674	803	-	11	454	64	-
4	Retail underlying	10,088	199	-	-	-	-	7,706	2,581	-	-	1,239	408	-	-	99	33	-
5	Of which STS	1,502	26	-	-	-	-	1,422	107	-	-	152	11	-	-	12	1	-
6	Wholesale	27,168	2,003	6	11	-	935	26,637	1,617	-	140	4,435	396	-	11	355	32	-
7	Of which STS	20,944	646	-	-	-	-	21,589	-	-	-	3,185	-	-	-	255	-	-
8	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Synthetic transactions	9,217	1,066	2,101	-	11	12,395	-	-	-	2,814	-	-	-	225	-	-	-
10	Securitisation	9,217	1,066	2,101	-	11	12,395	-	-	-	2,814	-	-	-	225	-	-	-
11	Retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Wholesale	9,217	1,066	2,101	-	11	12,395	-	-	-	2,814	-	-	-	225	-	-	-
13	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SECURITISATION EXPOSURES IN THE NON-TRADING BOOK AND ASSOCIATED REGULATORY CAPITAL REQUIREMENTS - INSTITUTION ACTING AS INVESTOR (SEC4)

30/06/2022		Exposure values (by RW bands/deductions)					Exposure values (by regulatory approach)				RWEA (by regulatory approach)				Capital charge after cap			
		≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%
(in millions of euros)																		
1	Total exposures	1,764	200	38	46	29	936	721	419	-	176	149	587	-	14	12	47	-
2	Traditional securitisation	1,764	200	38	46	21	936	721	412	-	176	149	497	-	14	12	40	-
3	Securitisation	1,764	200	38	46	-	936	721	390	-	176	149	231	-	14	12	18	-
4	Retail underlying	739	200	-	39	-	195	585	198	-	55	129	199	-	4	10	16	-
5	Of which STS	290	-	-	-	-	-	131	159	-	-	13	16	-	-	1	1	-
6	Wholesale	1,025	-	38	7	-	741	136	192	-	121	21	32	-	10	2	3	-
7	Of which STS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Re-securitisation	-	-	-	-	21	-	-	21	-	-	-	266	-	-	-	21	-
9	Synthetic securitisation	-	-	-	-	7	-	-	7	-	-	-	91	-	-	-	7	-
10	Securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Re-securitisation	-	-	-	-	7	-	-	7	-	-	-	91	-	-	-	7	-

31/12/2021		Exposure values (by RW bands/deductions)					Exposure values (by regulatory approach)				RWEA (by regulatory approach)				Capital charge after cap			
		≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250%
(in millions of euros)																		
1	Total exposures	2,182	457	35	18	26	947	865	907	-	234	146	655	1	19	12	52	-
2	Traditional securitisation	2,178	457	35	18	20	947	865	896	-	234	146	356	1	19	12	28	-
3	Securitisation	2,178	457	35	18	-	947	865	876	-	234	146	107	1	19	12	9	-
4	Retail underlying	1,273	457	1	-	-	437	733	561	-	150	113	59	1	12	9	5	-
5	Of which STS	641	-	-	-	-	-	132	509	-	-	13	51	-	-	1	4	-
6	Wholesale	905	-	34	18	-	510	132	315	-	84	34	47	-	7	3	4	-
7	Of which STS	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
8	Re-securitisation	-	-	-	-	20	-	-	20	-	-	-	249	-	-	-	20	-
9	Synthetic securitisation	-	-	-	-	6	-	-	6	-	-	-	80	-	-	-	6	-
10	Securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Retail underlying	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Re-securitisation	-	-	-	-	6	-	-	6	-	-	-	80	-	-	-	6	-

EXPOSURES SECURITISED BY THE INSTITUTION - EXPOSURES IN DEFAULT AND SPECIFIC CREDIT RISK ADJUSTMENTS (SEC5)

30/06/2022		Exposures securitised by the institution - Institution acts as originator or as sponsor		
		Total outstanding nominal amount	Of which exposures in default	Total amount of specific credit risk adjustments made during the period
(in millions of euros)				
1	Total exposures	56,775	1,073	-
2	Retail (total)	11,116	13	-
3	Residential mortgage	-	-	-
4	Credit card	246	-	-
5	Other retail exposures	10,871	13	-
6	Re-securitisation	-	-	-
7	Wholesale (total)	45,658	1,060	-
8	Loans to corporates	12,180	150	-
9	Commercial mortgage	-	-	-
10	Lease and receivables	28,262	899	-
11	Other wholesale	5,217	11	-
12	Re-securitisation	-	-	-

31/12/2021

		Exposures securitised by the institution - Institution acts as originator or as sponsor		
		Total outstanding nominal amount		Total amount of specific credit risk adjustments made during the period
			Of which exposures in default	
(in millions of euros)				
1	Total exposures	51,870	1,161	-
2	Retail (total)	10,287	16	-
3	Residential mortgage	-	-	-
4	Credit card	-	-	-
5	Other retail exposures	10,287	16	-
6	Re-securitisation	-	-	-
7	Wholesale (total)	41,583	1,145	-
8	Loans to corporates	10,261	20	-
9	Commercial mortgage	-	-	-
10	Lease and receivables	26,550	1,124	-
11	Other wholesale	4,772	1	-
12	Re-securitisation	-	-	-

2.3.2 Exposure at default of securitisation transaction risks in the trading book that generate risk-weighted assets

SECURITISATION EXPOSURES IN THE TRADING BOOK (SEC2)

30/06/2022		Institution acts as originator				Institution acts as sponsor				Institution acts as investor			
		Traditional		Synthetic	Sub-total	Traditional		Synthetic	Sub-total	Traditional		Synthetic	Sub-total
		STS	Non-STS			STS	Non-STS			STS	Non-STS		
(in millions of euros)													
1	Total exposures	-	-	-	-	-	-	-	-	-	225	-	225
2	Retail (total)	-	-	-	-	-	-	-	-	-	180	-	180
3	Residential mortgage	-	-	-	-	-	-	-	-	-	117	-	117
4	Credit card	-	-	-	-	-	-	-	-	-	-	-	-
5	Other retail exposures	-	-	-	-	-	-	-	-	-	47	-	47
6	Re-securitisation	-	-	-	-	-	-	-	-	-	16	-	16
7	Wholesale (total)	-	-	-	-	-	-	-	-	-	45	-	45
8	Loans to corporates	-	-	-	-	-	-	-	-	-	-	-	-
9	Commercial mortgage	-	-	-	-	-	-	-	-	-	7	-	7
10	Lease and receivables	-	-	-	-	-	-	-	-	-	37	-	37
11	Other wholesale	-	-	-	-	-	-	-	-	-	-	-	-
12	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-

31/12/2021		Institution acts as originator				Institution acts as sponsor				Institution acts as investor			
		Traditional		Synthetic	Sub-total	Traditional		Synthetic	Sub-total	Traditional		Synthetic	Sub-total
		STS	Non-STS			STS	Non-STS			STS	Non-STS		
(in millions of euros)													
1	Total exposures	-	-	-	-	-	-	-	-	-	196	-	196
2	Retail (total)	-	-	-	-	-	-	-	-	-	186	-	186
3	Residential mortgage	-	-	-	-	-	-	-	-	-	117	-	117
4	Credit card	-	-	-	-	-	-	-	-	-	-	-	-
5	Other retail exposures	-	-	-	-	-	-	-	-	-	53	-	53
6	Re-securitisation	-	-	-	-	-	-	-	-	-	16	-	16
7	Wholesale (total)	-	-	-	-	-	-	-	-	-	10	-	10
8	Loans to corporates	-	-	-	-	-	-	-	-	-	-	-	-
9	Commercial mortgage	-	-	-	-	-	-	-	-	-	-	-	-
10	Lease and receivables	-	-	-	-	-	-	-	-	-	-	-	-
11	Other wholesale	-	-	-	-	-	-	-	-	-	10	-	10
12	Re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-

Exposure at default only concerns traditional securitisations.

2.4 Market risk

2.4.1 Exposure to market risk of the trading book

2.4.1.1 Risk weighted exposure using the standardised approach

RISK-WEIGHTED ASSETS USING STANDARDISED APPROACH (MR1)

		30/06/2022	31/12/2021
		RWA	RWA
<i>(in millions of euros)</i>			
	Futures and forwards		
1	Interest rate risk (general and specific)	831	808
2	Risk on shares (general and specific)	-	-
3	Currency risk	3,737	4,546
4	Commodities risk	33	16
	Options		
5	Simplificated approach	-	-
6	Delta-plus method	8	6
7	Scenarios based approach	31	39
8	Securitisation (specific risk)	76	58
9	TOTAL	4,715	5,472

2.4.1.2 Exposures using the internal models approach

MARKET RISK UNDER THE INTERNAL MODELS APPROACH (MR2-A)

		30/06/2022		31/12/2021	
		RWA	Capital requirement	RWA	Capital requirement
<i>(in millions of euros)</i>					
1	VaR (higher of values a and b)	2,864	229	1,137	91
(a)	Previous day's VaR (VaRt-1)		41		29
(b)	Multiplication factor (mc) x average of previous 60 working days (VaRavg)		229		91
2	SVaR (higher of values a and b)	3,675	294	3,923	314
(a)	Latest available SVaR (SVaRt-1)		61		52
(b)	Multiplication factor (ms) x average of previous 60 working days (sVaRavg)		294		314
3	IRC (higher of values a and b)	2,589	207	2,350	188
(a)	Most recent IRC measure		129		97
(b)	12 weeks average IRC measure		207		188
4	Comprehensive risk measure (higher of values a, b and c)	-	-	-	-
(a)	Most recent risk measure of comprehensive risk measure		-		-
(b)	12 weeks average of comprehensive risk measure		-		-
(c)	Comprehensive risk measure Floor		-		-
5	Other	-	-	-	-
6	TOTAL	9,129	730	7,409	593

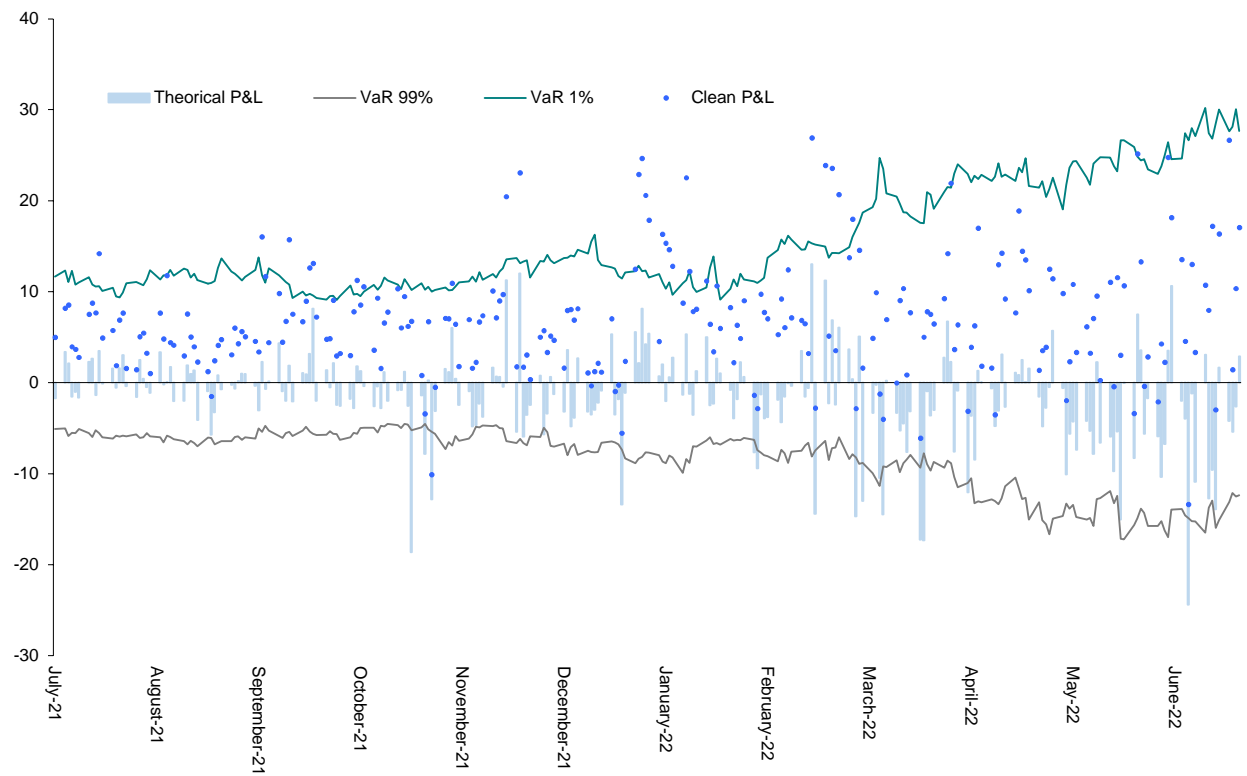
MARKET RISK EXPOSURES UNDER THE INTERNAL MODELS APPROACH (MR2-B)

30/06/2022		VaR	SVaR	IRC	Comprehensive risk measure	Other	Total RWAs	Total own funds requirements
<i>(in millions of euros)</i>								
1	RWEAs at previous period end (31/03/2022)	1,714	3,698	2,215	-	-	7,627	610
1a	Regulatory adjustment	1,354	3,022	(232)	-	-	4,144	331
1b	RWEAs at the previous quarter-end (end of the day)	361	676	2,446	-	-	3,484	279
2	Movement in risk levels	104	116	(876)	-	-	(656)	(53)
3	Model updates/changes	2	1	-	-	-	2	-
4	Methodology and policy	-	-	-	-	-	-	-
5	Acquisitions and disposals	-	-	-	-	-	-	-
6	Foreign exchange movements	48	(27)	43	-	-	63	5
7	Other	-	-	-	-	-	-	-
8a	RWEAs at the end of the reporting period (end of the day)	514	766	1,613	-	-	2,893	231
8b	Regulatory adjustment	2,351	2,909	976	-	-	6,236	499
8	RWEAs at the end of the reporting period (30/06/2022)	2,864	3,675	2,589	-	-	9,129	730

VALUES OF THE TRADING BOOK THE INTERNAL MODELS APPROACH (IMA) (MR3)

<i>(in millions of euros)</i>		30/06/2022	31/12/2021
1	VaR (10 days, 99 %)		
2	Maximum value	56	59
3	Mean value	36	25
4	Minimum value	21	15
5	End of period value	41	29
6	VaR en période de tensions (10 jours, 99 %)		
7	Maximum value	80	98
8	Mean value	59	58
9	Minimum value	46	31
10	End of period value	61	52
11	Exigence de fonds propres au titre de l'IRC (99,9 %)		
12	Maximum value	432	365
13	Mean value	147	114
14	Minimum value	75	62
15	End of period value	99	75
16	Exigence de fonds propres au titre du CRM (99,9 %)		
17	Maximum value	-	-
18	Mean value	-	-
19	Minimum value	-	-
20	End of period value	-	-
21	Floor (standard measure method)	-	-

2.4.2 Back testing of the VAR model (MR4)



3. INFORMATION ON THE LIQUIDITY REQUIREMENT MODEL

3.1 Regulatory Short-Term Liquidity Coverage Ratio (LCR)

Quantitative information on the LCR (EU LIQ 1)

Average 12-month rolling LCR calculated as at 30 September 2021, 31 December 2021, 31 March 2022 and 30 June 2022.

Template EU LIQ1 - Quantitative information of LCR

in millions euros

Liquidity Coverage Ratio average over 12 months (LCR)		Total unweighted value (average)				Total weighted value (average)			
Scope of consolidation: CREDIT AGRICOLE GROUP									
(in millions of euros)									
EU 1a	Quarter ending on	30/06/2022	31/03/2022	31/12/2021	30/09/2021	30/06/2022	31/03/2022	31/12/2021	30/09/2021
EU 1b	Number of data points used in the calculation of averages	12	12	12	12	12	12	12	12
HIGH-QUALITY LIQUID ASSETS									
1	Total high-quality liquid assets (HQLA)					414 625	412 728	401 940	383 801
CASH-OUTFLOWS									
2	Retail deposits and deposits from small business customers, of which:	600 982	590 786	579 374	567 089	39 221	38 385	37 365	36 333
3	Stable deposits	423 902	418 143	413 481	408 133	21 195	20 907	20 674	20 407
4	Less stable deposits	177 080	172 644	165 893	158 956	18 026	17 478	16 691	15 926
5	Unsecured wholesale funding	390 495	385 590	373 686	360 204	177 987	177 443	171 616	163 701
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks	161 041	157 223	154 057	151 939	39 862	38 960	38 224	37 703
7	Non-operational deposits (all counterparties)	206 042	205 063	197 115	188 079	114 713	115 180	110 878	105 810
8	Unsecured debt	23 412	23 303	22 514	20 187	23 412	23 303	22 514	20 187
9	Secured wholesale funding					28 131	27 147	26 341	24 955
10	Additional requirements	226 677	222 484	218 777	215 762	56 823	55 237	54 504	54 596
11	Outflows related to derivative exposures and other collateral requirements	35 372	33 858	32 013	30 042	22 396	21 920	22 079	22 582
12	Outflows related to loss of funding on debt products	-	-	-	-	-	-	-	-
13	Credit and liquidity facilities	191 305	188 626	186 765	185 720	34 427	33 317	32 425	32 014
14	Other contractual funding obligations	46 806	45 871	43 606	41 328	5 755	5 934	5 956	5 341
15	Other contingent funding obligations	63 067	64 221	64 372	60 311	3 401	3 462	3 468	3 255
16	TOTAL CASH OUTFLOWS					311 318	307 607	299 251	288 181
CASH-INFLOWS									
17	Secured lending (e.g. reverse repos)	196 692	198 732	195 313	187 264	27 654	26 567	24 918	23 500
18	Inflows from fully performing exposures	55 791	54 967	53 531	52 578	31 650	31 369	31 378	31 409
19	Other cash inflows	7 048	7 446	7 806	7 952	7 048	7 446	7 806	7 952
EU-19a	(Difference between total weighted inflows and total weighted outflows arising from transactions in third countries where there are transfer restrictions or which are denominated in non-convertible currencies)					-	-	-	-
EU-19b	(Excess inflows from a related specialised credit institution)					-	-	-	-
20	TOTAL CASH INFLOWS	259 532	261 145	256 651	247 794	66 353	65 382	64 102	62 861
EU-20a	Fully exempt inflows	-	-	-	-	-	-	-	-
EU-20b	Inflows subject to 90% cap	-	-	-	-	-	-	-	-
EU-20c	Inflows subject to 75% cap	213 289	217 363	215 434	209 188	66 353	65 382	64 102	62 861
TOTAL ADJUSTED VALUE									
EU-21	LIQUIDITY BUFFER					414 625	412 728	401 940	383 801
22	TOTAL NET CASH OUTFLOWS					244 966	242 226	235 148	225 320
23	LIQUIDITY COVERAGE RATIO					169,26%	170,39%	170,93%	170,34%

3.2 Net Stable Funding Ratio (NSFR)

Quantitative information on the NSFR – EU LIQ 2

Template EU LIQ2: Net Stable Funding Ratio
in accordance with Article 451a(3) CRR

Net Stable Funding Ratio (NSFR) at 30/09/2021		a	b	c	d	e
Scope of consolidation : GROUPE CREDIT AGRICOLE		Unweighted value by residual maturity				Weighted value
(in millions of euros)		No maturity	< 6 months	6 months to < 1yr	≥ 1yr	
Available stable funding (ASF) Items						
1	Capital items and instruments	126 615	1	-	20 020	146 635
2	Own funds	126 615	1	-	20 020	146 635
3	Other capital instruments		-	-	-	-
4	Retail deposits		589 535	2 254	5 084	558 695
5	Stable deposits		419 957	54	2 536	401 546
6	Less stable deposits		169 578	2 200	2 549	157 149
7	Wholesale funding		651 056	31 751	330 308	522 120
8	Operational deposits		152 136	-	-	76 068
9	Other wholesale funding		498 920	31 751	330 308	446 052
10	Interdependent liabilities		70 893	-	-	-
11	Other liabilities	-	122 513	1 682	43 670	44 511
12	NSFR derivative liabilities	-				-
13	All other liabilities and capital instruments not included in the above categories		122 513	1 682	43 670	44 511
14	Total available stable funding (ASF)					1 271 961
Required stable funding (RSF) Items						
15	Total high-quality liquid assets (HQLA)					14 692
EU-15a	Assets encumbered for a residual maturity of one year or more in a cover pool		449	412	52 942	45 733
16	Deposits held at other financial institutions for operational purposes		5 059	-	-	2 529
17	Performing loans and securities:		379 371	88 818	792 146	776 219
18	Performing securities financing transactions with financial customers collateralised by Level 1 HQLA subject to 0% haircut		171 200	8 238	2 073	7 390
19	Performing securities financing transactions with financial customer collateralised by other assets and loans and advances to financial institutions		58 528	5 807	25 456	32 545
20	Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, and PSEs, of which:	-	108 135	49 001	334 040	383 608
21	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk	-	1 248	889	10 716	8 034
22	Performing residential mortgages, of which:	-	18 715	19 227	404 316	319 264
23	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk		15 497	15 942	379 852	295 218
24	Other loans and securities that are not in default and do not qualify as HQLA, including exchange-traded equities and trade finance on-balance sheet products		22 793	6 545	26 261	33 413
25	Interdependent assets		70 893	-	-	-
26	Other assets:		113 764	2 243	103 773	153 510
27	Physical traded commodities				-	-
28	Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs		7 458	-	1 026	7 211
29	NSFR derivative assets		5 550			5 550
30	NSFR derivative liabilities before deduction of variation margin posted		30 597			1 530
31	All other assets not included in the above categories		70 158	2 243	102 746	139 219
32	Off-balance sheet items		67 630	10 402	200 571	16 816
33	Total required stable funding (RSF)					1 009 500
34	Net Stable Funding Ratio (%)					126,00%

Net Stable Funding Ratio (NSFR) at 31/12/2021		a	b	c	d	e
Scope of consolidation : GROUPE CREDIT AGRICOLE		Unweighted value by residual maturity				Weighted value
(in millions of euros)		No maturity	< 6 months	6 months to < 1yr	≥ 1yr	
Available stable funding (ASF) Items						
1	Capital items and instruments	125 568	-	0	19 756	145 325
2	Own funds	125 568	-	0	19 756	145 325
3	Other capital instruments		-	-	-	-
4	Retail deposits		597 863	1 316	4 550	564 993
5	Stable deposits		423 575	58	2 595	405 046
6	Less stable deposits		174 288	1 258	1 955	159 947
7	Wholesale funding		645 799	41 253	321 462	518 028
8	Operational deposits		161 046	-	-	80 523
9	Other wholesale funding		484 754	41 253	321 462	437 506
10	Interdependent liabilities		71 056	-	-	-
11	Other liabilities	-	123 797	1 703	38 841	39 693
12	NSFR derivative liabilities	-				-
13	All other liabilities and capital instruments not included in the above categories		123 797	1 703	38 841	39 693
14	Total available stable funding (ASF)					1 268 040
Required stable funding (RSF) Items						
15	Total high-quality liquid assets (HQLA)					12 281
EU-15a	Assets encumbered for a residual maturity of one year or more in a cover pool		444	485	52 135	45 105
16	Deposits held at other financial institutions for operational purposes		4 901	-	-	2 450
17	Performing loans and securities:		375 879	89 678	807 579	784 960
18	Performing securities financing transactions with financial customers collateralised by Level 1 HQLA subject to 0% haircut		166 325	6 297	3 001	7 340
19	Performing securities financing transactions with financial customer collateralised by other assets and loans and advances to financial institutions		56 972	6 973	24 916	32 792
20	Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, and PSEs, of which:	-	106 954	49 504	343 402	390 781
21	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk	-	889	878	11 590	8 417
22	Performing residential mortgages, of which:	-	18 621	19 384	412 488	322 232
23	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk		15 687	16 426	387 730	298 241
24	Other loans and securities that are not in default and do not qualify as HQLA, including exchange-traded equities and trade finance on-balance sheet products		27 007	7 521	23 772	31 816
25	Interdependent assets		71 056	-	-	-
26	Other assets:		120 532	4 062	97 903	148 217
27	Physical traded commodities				-	-
28	Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs		8 592	-	1 114	8 250
29	NSFR derivative assets		3 577			3 577
30	NSFR derivative liabilities before deduction of variation margin posted		36 551			1 828
31	All other assets not included in the above categories		71 812	4 062	96 789	134 563
32	Off-balance sheet items		61 351	9 907	200 624	16 404
33	Total required stable funding (RSF)					1 009 418
34	Net Stable Funding Ratio (%)					125,62%

Net Stable Funding Ratio (NSFR) at 31/03/2022		a	b	c	d	e
Scope of consolidation : GROUPE CREDIT AGRICOLE		Unweighted value by residual maturity				Weighted value
(in millions of euros)		No maturity	< 6 months	6 months to < 1yr	≥ 1yr	
Available stable funding (ASF) Items						
1	Capital items and instruments	123 844	-	0	19 378	143 221
2	Own funds	123 844	-	0	19 378	143 221
3	Other capital instruments		-	-	-	-
4	Retail deposits		604 010	1 353	4 559	570 772
5	Stable deposits		427 662	89	2 718	409 082
6	Less stable deposits		176 348	1 264	1 840	161 690
7	Wholesale funding		666 908	61 739	308 415	521 710
8	Operational deposits		166 911	-	-	83 456
9	Other wholesale funding		499 996	61 739	308 415	438 255
10	Interdependent liabilities		73 450	-	-	-
11	Other liabilities	-	121 931	2 450	51 838	53 063
12	NSFR derivative liabilities	-				-
13	All other liabilities and capital instruments not included in the above categories		121 931	2 450	51 838	53 063
14	Total available stable funding (ASF)					1 288 767
Required stable funding (RSF) Items						
15	Total high-quality liquid assets (HQLA)					13 903
EU-15a	Assets encumbered for a residual maturity of one year or more in a cover pool		443	426	53 531	46 240
16	Deposits held at other financial institutions for operational purposes		6 494	-	-	3 247
17	Performing loans and securities:		397 435	89 034	815 156	794 554
18	Performing securities financing transactions with financial customers collateralised by Level 1 HQLA subject to 0% haircut		173 669	6 056	4 560	9 865
19	Performing securities financing transactions with financial customer collateralised by other assets and loans and advances to financial institutions		64 051	7 454	25 632	34 699
20	Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, and PSEs, of which:	-	109 804	51 747	344 899	393 403
21	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk	-	1 582	1 510	10 774	8 549
22	Performing residential mortgages, of which:	-	19 320	19 704	416 786	324 999
23	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk		16 075	16 408	391 467	300 207
24	Other loans and securities that are not in default and do not qualify as HQLA, including exchange-traded equities and trade finance on-balance sheet products		30 591	4 073	23 278	31 589
25	Interdependent assets		73 450	-	-	-
26	Other assets:		129 219	2 219	98 433	149 121
27	Physical traded commodities				-	-
28	Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs		9 567	-	1 151	9 110
29	NSFR derivative assets		1 887			1 887
30	NSFR derivative liabilities before deduction of variation margin posted		41 857			2 093
31	All other assets not included in the above categories		75 908	2 219	97 283	136 031
32	Off-balance sheet items		61 089	14 891	199 225	16 191
33	Total required stable funding (RSF)					1 023 257
34	Net Stable Funding Ratio (%)					125,95%

Net Stable Funding Ratio (NSFR) at 30/06/2022		a	b	c	d	e
Scope of consolidation : GROUPE CREDIT AGRICOLE		Unweighted value by residual maturity				Weighted value
(in millions of euros)		No maturity	< 6 months	6 months to < 1yr	≥ 1yr	
Available stable funding (ASF) Items						
1	Capital items and instruments	126 634	0	-	19 202	145 836
2	Own funds	126 634	0	-	19 202	145 836
3	Other capital instruments		-	-	-	-
4	Retail deposits		609 203	1 330	4 432	575 718
5	Stable deposits		436 067	83	2 724	417 067
6	Less stable deposits		173 135	1 246	1 708	158 651
7	Wholesale funding		671 195	152 531	214 486	469 865
8	Operational deposits		164 274	-	-	82 137
9	Other wholesale funding		506 920	152 531	214 486	387 728
10	Interdependent liabilities		75 513	-	-	-
11	Other liabilities	3 444	131 183	2 460	42 856	44 086
12	NSFR derivative liabilities	3 444				-
13	All other liabilities and capital instruments not included in the above categories		131 183	2 460	42 856	44 086
14	Total available stable funding (ASF)					1 235 506
Required stable funding (RSF) Items						
15	Total high-quality liquid assets (HQLA)					16 363
EU-15a	Assets encumbered for a residual maturity of one year or more in a cover pool		321	345	52 410	45 115
16	Deposits held at other financial institutions for operational purposes		7 054	-	-	3 527
17	Performing loans and securities:		380 281	99 541	843 492	790 041
18	Performing securities financing transactions with financial customers collateralised by Level 1 HQLA subject to 0% haircut		159 759	11 493	4 442	13 798
19	Performing securities financing transactions with financial customer collateralised by other assets and loans and advances to financial institutions		59 099	7 905	27 135	35 774
20	Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, and PSEs, of which:	-	111 084	53 776	356 820	393 404
21	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk	-	2 165	1 612	10 635	8 802
22	Performing residential mortgages, of which:	-	19 928	20 116	427 699	312 961
23	With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk		16 329	16 604	400 428	286 225
24	Other loans and securities that are not in default and do not qualify as HQLA, including exchange-traded equities and trade finance on-balance sheet products		30 412	6 252	27 397	34 105
25	Interdependent assets		75 513	-	-	-
26	Other assets:		147 367	2 880	95 344	149 893
27	Physical traded commodities				-	-
28	Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs		9 877	-	563	8 874
29	NSFR derivative assets		-			-
30	NSFR derivative liabilities before deduction of variation margin posted		53 679			2 684
31	All other assets not included in the above categories		83 811	2 880	94 781	138 335
32	Off-balance sheet items		63 559	15 918	196 521	16 282
33	Total required stable funding (RSF)					1 021 220
34	Net Stable Funding Ratio (%)					120.98%

At the end of June 2022, the decrease in the amount of weighted stable funding was anticipated and is mainly explained by the amortization profile of T-LTRO resources. A significant portion of these refinancings will mature in June 2023. Consequently, the residual maturity of these resources becoming less than one year, their NSFR efficiency decreases by 50%. Note, however, that, in a prudent way, Crédit Agricole Group's internal liquidity management is done by neutralizing the temporary surplus of stable resources provided by the T-LTRO. Financial strength and compliance with regulatory liquidity ratios are therefore ensured, regardless of the repayment strategy for T-LTRO resources.

4. GLOBAL INTEREST RATE RISK

In accordance with Article 448 of Regulation (EU) 2019/876 of the European Parliament and of the Council of 20 May 2019 (known as “CRR2”) amending Regulation (EU) 575/2013 (CRR), Crédit Agricole Group is required to publish information on interest rate risk specified in Commission Implementing Regulation (EU) 2022/631 of 13 April 2022.

4.1 Qualitative information on interest rate risk management in the banking portfolio (EU IRRBBA standard)

Compared to the publication on 31 December 2021, the main change in the measurement of interest rate risk is the fixed-rate modelling of TLTRO 3 operations raised with the European Central Bank for a share equal to the ratio between the period during which the rate of remuneration of these was enhanced and capped at -1% and the total duration of the drawdown. This modeling takes place from the closing of 30 June 2022 and is applied to the share of TLTRO 3 intended to be kept until their maturity.

4.2 Quantitative information on interest rate risk

The table below shows the sensitivity of economic value and net interest income to various interest rate shock scenarios.

Interest rate risk of banking portfolio activities (Table EU IRRBB1)

Change in economic value (in billions of euros)	30/06/2022	31/12/2021
1 Parallel up	(10,6)	(10,9)
2 Parallel down	4,4	1,9
3 Steepener	(3,7)	(2,9)
4 Flatteners	0,9	1,1
5 Short rate up	(1,6)	(1,5)
6 Short rate down	1,2	1,5

Change in net interest income (in billions of euros)	30/06/2022			31/12/2021		
Pass-through rate of 50% applied to housing loans (100% to other items)	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3
1 Parallel up (+ 50 bp)	1,0	0,8	1,1	0,9	0,7	1,0
2 Parallel down (- 50 bp)	-0,8	-0,8	-1,0	(0,5)	(0,7)	(0,9)

The sensitivity figures for net interest income above are calculated assuming i) a pass-through rate¹ of 50% applied to housing loans (and 100% to other items), ii) an immediate pass-through of interest rate changes to assets and liabilities (for all variable rate instruments already on the balance sheet, and only for new transactions in the case of fixed rate instruments) and iii) sight deposits maintained at their current high level with no paid interest (based on the assumptions of the EBA stress tests). In practice, the change in net interest margin would materialize more gradually than the results given above suggest.

With a pass-through rate of 100% applied to housing loans, the sensitivities as of 30 June 2022 in year 1, year 2 and year 3 would be respectively +€1.1 billion, +€1.1 billion and +€1.5 billion for a parallel upward shock scenario, and respectively -€0.9 billion, -€1.0 billion and -€1.4 billion for a parallel downward shock scenario.

¹ The pass-through rate is the sensitivity of customer rates to a change in market rates.

Calculation assumptions

The calculation assumptions and rate shock scenarios are defined by the European Banking Authority (EBA) in the “Guidance on the management of interest rate risk arising from non-trading book activities” published on 19 July 2018 (EBA/GL/2018/02).

- **Economic value**

Paragraph 115 of the EBA Guidance specifies how the change in economic value should be calculated. This is determined on the basis of a 30-year rolling balance sheet from which the value of equity and fixed assets is excluded. The average maturity of deposits without contractual maturity (sight deposits and savings books) outside financial institutions is limited to five years.

An instantaneous interest rate shock scenario is considered. The interest rate shocks used are the ones for the main economic regions to which Crédit Agricole Group has exposure, namely the eurozone, Switzerland and the United States.

<i>(in basis points)</i>	EUR	USD	CHF
Parallel shock	200	200	100
Short shock	250	300	150
Long shock	100	150	100

The steepening and flattening of the yield curve scenarios are non-uniform scenarios where maturity-dependent interest rate shocks are applied to both short and long rates.

A minimum threshold (or floor), which varies according to maturity (from -100 basis points overnight to 0 basis points at 20 years, in accordance with Article 115(k) of the above-mentioned EBA Guidance) is applied to interest rates after downside shock scenarios are considered.

- **Net interest income**

The change in net interest income is calculated for a horizon of one, two and three years, assuming a constant balance sheet and therefore an identical renewal of the maturing transactions. An instantaneous interest rate shock scenario of 50 basis points is considered here, regardless of the currency.

Between the two approaches, sensitivities are reversed: the economic value of Crédit Agricole Group falls if interest rates rise, while the net interest margin increases.

The fall in economic value in the event of a rate hike is due to a generally lower volume of fixed-rate liabilities than fixed-rate assets on future maturities.

Conversely, the net interest margin increases if interest rates rise, as the sensitivity of renewed assets to rate changes is higher than that of renewed liabilities, due to the fact that liabilities include equity and Retail customer resources (sight deposits and regulated savings), which are little or not sensitive to interest rate increases.

**Declaration concerning the publication of the information required under Part 8
of Regulation (EU) No 575/2013**

Jérôme Grivet, Deputy Chief Executive Officer of Crédit Agricole S.A.

STATEMENT BY THE PERSON RESPONSIBLE

I certify that, to the best of my knowledge, the information required under Part 8 of Regulation (EU) No 575/2013 (and subsequent amendments) has been published in accordance with the formal policies and internal procedures, systems and controls.

Montrouge, September 9th 2022

The Deputy Chief Executive Officer of Crédit Agricole S.A.

Jérôme GRIVET

Siège social : 12 place des Etats-Unis – 92127 MONTROUGE CEDEX
Tél. 01 43 23 52 02

Etablissement de crédit soumis aux articles L 225-1 et suivants du Code de commerce et aux articles L 512-47 et suivants du Code monétaire et financier - 784 608 416 RCS Nanterre - FR 77 784 608 416 - Capital 9 077 707 050 euros.