

Pillar 3 Report 06.30.2021

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Crédit Mutuel
ARKEA

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1. Capital

1.1. Composition of the capital

Regulatory capital is determined in accordance with Part II of EU Regulation No. 575/2013 of the European Parliament and of the Council on prudential requirements for credit institutions and investment firms (hereinafter the “**CRR**”), as amended by EU Regulation No. 2019/876 modifying that regulation (hereinafter “**CRR2**”), and supplemented by technical standards (delegated and EU implementing regulations of the European Commission).

Capital includes:

- Tier 1 capital, comprising Common Equity Tier 1 (hereinafter “**CET1**”) capital net of deductions and Additional Tier 1 (hereinafter “**AT1**”) capital net of deductions;
- Tier 2 (hereinafter “**T2**”) capital net of deductions.

Table 1 (EU CC1): Composition of regulatory own funds

	Amounts	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
In € thousands		
Common Equity Tier 1 (CET1) capital: instruments and reserves		
Capital instruments and the related share premium accounts	2,440,574	(h)
of which: Instrument type 1	2,440,574	
of which: Instrument type 2	-	
of which: Instrument type 3	-	
Retained earnings	5,333,133	(i) (j)
Accumulated other comprehensive income (and other reserves)	-22,129	(j)
Funds for general banking risk	-	
Amount of qualifying items referred to in Article 484 (3) CRR and the related share premium accounts subject to phase out from CET1	37,134	(h)
Minority interests (amount allowed in consolidated CET1)	463	(k)
Independently reviewed interim profits net of any foreseeable charge or dividend	-	
Common Equity Tier 1 (CET1) capital before regulatory adjustments	7,789,176	
Common Equity Tier 1 (CET1) capital: regulatory adjustments		
Additional value adjustments (negative amount)	-66,473	
Intangible assets (net of related tax liability) (negative amount)	-898,021	(d) (e) minus (f)
Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability where the conditions in Article 38 (3) CRR are met) (negative amount)	-4,211	(b)
Fair value reserves related to gains or losses on cash flow hedges of financial instruments that are not valued at fair value	413	(j)
Negative amounts resulting from the calculation of expected loss amounts		
Any increase in equity that results from securitised assets (negative amount)		
Gains or losses on liabilities valued at fair value resulting from changes in own credit standing	11,526	(j)
Defined-benefit pension fund assets (negative amount)	-15,803	(c)
Direct, indirect and synthetic holdings by an institution of own CET1 instruments (negative amount)		
Direct, indirect and synthetic holdings of the CET 1 instruments of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)		

	Amounts	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
In € thousands		
Direct, indirect and synthetic holdings by the institution of the CET1 instruments of financial sector entities where the institution does not have a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)		
Direct, indirect and synthetic holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)		
Exposure amount of the following items which qualify for a RW of 1250%, where the institution opts for the deduction alternative		
of which: qualifying holdings outside the financial sector (negative amount)		
of which: securitisation positions (negative amount)		
of which: free deliveries (negative amount)		
Deferred tax assets arising from temporary differences (amount above 10% threshold, net of related tax liability where the conditions in Article 38 (3) CRR are met) (negative amount)		
Amount exceeding the 17.65% threshold (negative amount)		
of which: direct, indirect and synthetic holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities		
of which: deferred tax assets arising from temporary differences		
Losses for the current financial year (negative amount)		
Foreseeable tax charges relating to CET1 items except where the institution suitably adjusts the amount of CET1 items insofar as such tax charges reduce the amount up to which those items may be used to cover risks or losses (negative amount)		
Qualifying AT1 deductions that exceed the AT1 items of the institution (negative amount)		
Other regulatory adjustments	-112	
Total regulatory adjustments to Common Equity Tier 1 (CET1)	-972,681	
Common Equity Tier 1 (CET1) capital	6,816,495	
Additional Tier 1 (AT1) capital: instruments		
Capital instruments and the related share premium accounts		
of which: classified as equity under applicable accounting standards		
of which: classified as liabilities under applicable accounting standards		
Amount of qualifying items referred to in Article 484 (4) CRR and the related share premium accounts subject to phase out from AT1	11,221	(g)
Amount of qualifying items referred to in Article 494a(1) CRR subject to phase out from AT1		
Amount of qualifying items referred to in Article 494b(1) CRR subject to phase out from AT1		
Qualifying Tier 1 capital included in consolidated AT1 capital (including minority interests not included in row 5) issued by subsidiaries and held by third parties	5	(k)
of which: instruments issued by subsidiaries subject to phase out		
Additional Tier 1 (AT1) capital before regulatory adjustments	11,225	
Additional Tier 1 (AT1) capital: regulatory adjustments		
Direct, indirect and synthetic holdings by an institution of own AT1 instruments (negative amount)		
Direct, indirect and synthetic holdings of the AT1 instruments of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)		
Direct, indirect and synthetic holdings of the AT1 instruments of financial sector entities where the institution does not have a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)		
Direct, indirect and synthetic holdings by the institution of the AT1 instruments of financial sector entities where the institution has a significant investment in those entities (net of eligible short positions) (negative amount)		
Qualifying T2 deductions that exceed the T2 items of the institution (negative amount)		
Other regulatory adjustments to AT1 capital		
Total regulatory adjustments to Additional Tier 1 (AT1) capital	-	
Additional Tier 1 (AT1) capital	11,225	
Tier 1 capital (T1 = CET1 + AT1)	6,827,720	

	Amounts	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
In € thousands		
Tier 2 (T2) capital: instruments		
Capital instruments and the related share premium accounts	2,291,432	(g)
Amount of qualifying items referred to in Article 484(5) CRR and the related share premium accounts subject to phase out from T2 as described in Article 486(4) CRR	37,810	(g)
Amount of qualifying items referred to in Article 494a(2) CRR subject to phase out from T2		
Amount of qualifying items referred to in Article 494b(2) CRR subject to phase out from T2		
Qualifying own funds instruments included in consolidated T2 capital (including minority interests and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties	6	(k)
of which: instruments issued by subsidiaries subject to phase out	-	
Credit risk adjustments	105,188	
Tier 2 (T2) capital before regulatory adjustments	2,434,437	
Tier 2 (T2) capital: regulatory adjustments		
Direct, indirect and synthetic holdings by an institution of own T2 instruments and subordinated loans (negative amount)		
Direct, indirect and synthetic holdings of the T2 instruments and subordinated loans of financial sector entities where those entities have reciprocal cross holdings with the institution designed to inflate artificially the own funds of the institution (negative amount)		
Direct, indirect and synthetic holdings of the T2 instruments and subordinated loans of financial sector entities where the institution does not have a significant investment in those entities (amount above 10% threshold and net of eligible short positions) (negative amount)		
Direct, indirect and synthetic holdings by the institution of the T2 instruments and subordinated loans of financial sector entities where the institution has a significant investment in those entities (net of eligible short positions) (negative amount)	-600,000	(a)
Qualifying eligible liabilities deductions that exceed the eligible liabilities items of the institution (negative amount)		
Other regulatory adjustments to T2 capital		
Total regulatory adjustments to Tier 2 (T2) capital	-600,000	
Tier 2 (T2) capital	1,834,437	
Total capital (TC = T1 + T2)	8,662,157	
Total Risk exposure amount	41,311,217	
Capital ratios and requirements including buffers		
Common Equity Tier 1 capital	16.5%	
Tier 1 capital	16.5%	
Total capital	21.0%	
Institution CET1 overall capital requirements	2.5%	
of which: capital conservation buffer requirement	2.5%	
of which: countercyclical capital buffer requirement	0.0%	
of which: systemic risk buffer requirement	0.0%	
of which: Global Systemically Important Institution (G-SII) or Other Systemically Important Institution (O-SII) buffer requirement	0.0%	
of which: additional own funds requirements to address the risks other than the risk of excessive leverage	0.0%	
Common Equity Tier 1 capital (as a percentage of risk exposure amount) available after meeting the minimum capital requirements	11.8%	
Amounts below the thresholds for deduction (before risk weighting)		
Direct and indirect holdings of own funds and eligible liabilities of financial sector entities where the institution does not have a significant investment in those entities (amount below 10% threshold and net of eligible short positions)	236,125	
Direct and indirect holdings by the institution of the CET1 instruments of financial sector entities where the institution has a significant investment in those entities (amount below 17.65% thresholds and net of eligible short positions)	333,671	
Deferred tax assets arising from temporary differences (amount below 17.65% threshold, net of related tax liability where the conditions in Article 38 (3) CRR are met)	71,294	

	Amounts	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
In € thousands		
Applicable caps on the inclusion of provisions in Tier 2		
Credit risk adjustments included in T2 in respect of exposures subject to standardised approach (prior to the application of the cap)	-	
Cap on inclusion of credit risk adjustments in T2 under standardised approach	83,301	
Credit risk adjustments included in T2 in respect of exposures subject to internal ratings-based approach (prior to the application of the cap)	18,678	
Cap for inclusion of credit risk adjustments in T2 under internal ratings-based approach	105,188	
Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2014 and 1 Jan 2022)		
Current cap on CET 1 instruments subject to phase out arrangements	61,733	
Amount excluded from CET 1 due to cap (excess over cap after redemptions and maturities)	-	
Current cap on AT1 instruments subject to phase out arrangements	11,221	
Amount excluded from AT 1 due to cap (excess over cap after redemptions and maturities)	-84,936	
Current cap on T2 instruments subject to phase out arrangements	37,810	
Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)	-47,126	

Table 2 (EU CC2): Reconciliation of regulatory own funds to balance sheet in the financial statements

	Balance sheet as in published financial statements	Under regulatory scope of consolidation	Reference
In € thousands	As at period end	As at period end	
Assets - Breakdown by asset classes according to the balance sheet in the published financial statements			
1 Cash, due from central banks	14,230,347	14,230,347	
2 Financial assets at fair value through profit or loss	1,441,240	1,444,421	
3 Derivatives used for hedging purposes	907,950	907,950	
4 Financial assets at fair value through equity	10,467,884	10,467,884	
5 Securities at amortized cost	636,896	636,896	
6 Loans and receivables - credit institutions, at amortized cost	16,374,646	16,374,597	
7 Loans and receivables - customers, at amortized cost	69,616,738	70,150,389	(a)
8 Remeasurement adjustment on interest- rate risk hedged portfolios	709,069	709,069	
9 Placement of insurance activities	57,430,393	-	
10 Current tax assets	135,695	140,546	
11 Deferred tax assets	131,089	115,517	(b)
12 Accruals, prepayments and sundry assets	1,121,278	1,105,160	(c)
13 Investments in associates	176,422	2,630,512	
14 Investment property	125,183	125,183	
15 Property, plant and equipment	343,925	328,073	
16 Intangible assets	496,605	491,336	(d)
17 Goodwill	569,944	569,944	(e)
18 Total assets	174,915,304	120,427,824	
Liabilities - Breakdown by liability classes according to the balance sheet in the published financial statements			
1 Due to central banks	-	-	
2 Financial liabilities at fair value through profit or loss	1,331,645	1,334,826	
3 Derivatives used for hedging purposes	976,892	976,892	
4 Due to banks	15,040,388	15,043,895	
5 Liabilities to customers	71,231,408	72,014,188	
6 Debt securities	17,169,265	17,146,006	
7 Remeasurement adjustment on interest- rate risk hedged portfolios	313,701	313,702	
8 Current tax liabilities	121,042	76,734	
9 Deferred tax liabilities	156,404	64,772	(f)
10 Accruals, deferred income and sundry liabilities	2,772,483	2,619,507	
11 Liabilities associated with non-current assets held for sale	-	-	
12 Insurance companies' technical reserves	54,780,808	-	
13 Provisions	467,454	284,823	
14 Subordinated debt	2,477,519	2,477,519	(g)
15 Total liabilities	166,839,009	112,352,865	
Shareholders' Equity			
1 Shareholders' equity, group share	8,072,099	8,072,103	
2 Share capital and additional paid-in capital	2,484,033	2,484,033	(h)
3 Consolidated reserves	5,134,160	5,134,164	(i)
4 Gains and losses recognized directly in equity	176,849	176,848	(j)
5 Net income for the year	277,058	277,058	
6 Non-controlling interest	4,195	2,857	(k)
7 Total shareholders' equity	8,076,295	8,074,959	

1.2. Capital requirements

The capital requirements shown below and in the following sections are the minimum requirements, corresponding to a level of 8% of risk-weighted assets.

Table 3 (EU OV1): Overview of total risk exposure amounts

In € thousands	Total risk exposure amounts		Total own funds requirements
	30.06.2021	31.03.2021	30.06.2021
Credit risk (excluding CCR)	37,168,027	37,063,718	2,973,442
Of which the standardised approach	7,377,624	7,335,022	590,210
Of which the Foundation IRB (F-IRB) approach	680,727	817,114	54,458
Of which slotting approach	340,363	349,991	27,229
Of which equities under the simple riskweighted approach	12,120,667	11,803,777	969,653
Of which the Advanced IRB (A-IRB) approach	16,661,760	16,634,926	1,332,941
Counterparty credit risk - CCR	648,912	91,025	51,913
Of which the standardised approach	405,088	-	32,407
Of which internal model method (IMM)	-	-	-
Of which exposures to a CCP	3,057	-	245
Of which credit valuation adjustment - CVA	86,363	91,025	6,909
Of which other CCR	154,406	-	12,352
Settlement risk	3	3	-
Securitisation exposures in the non-trading book (after the cap)	-	-	-
Of which SEC-IRBA approach	-	-	-
Of which SEC-ERBA (including IAA)	-	-	-
Of which SEC-SA approach	-	-	-
Of which 1250% / deduction	-	-	-
Position, foreign exchange and commodities risks (Market risk)	-	-	-
Of which the standardised approach	-	-	-
Of which IMA	-	-	-
Large exposures	-	-	-
Operational risk	2,481,864	2,485,018	198,549
Of which basic indicator approach	438,207	438,207	35,057
Of which standardised approach	119,203	107,032	9,536
Of which advanced measurement approach	1,924,454	1,939,779	153,956
Amounts below the thresholds for deduction (subject to 250% risk weight)	1,012,411	1,056,391	80,993
Total	41,311,217	40,696,155	3,304,897

2. Prudential indicators

2.1. Key metrics

Table 4 (EU KM1): Key metrics

In € thousands	06.30.2021 ⁽¹⁾	03.31.2021 ⁽¹⁾	12.31.2021 ⁽²⁾	09.30.2020 ⁽¹⁾	06.30.2020 ⁽¹⁾
Available own funds (amounts)					
Common Equity Tier 1 (CET1) capital	6,816,495	6,788,076	6,744,143	6,238,438	6,209,022
Tier 1 capital	6,827,720	6,799,302	6,766,591	6,260,886	6,231,469
Total capital	8,662,157	8,640,932	8,643,243	8,137,093	8,096,522
Risk-weighted exposure amounts					
Total risk exposure amount	41,311,217	40,696,155	40,039,174	40,653,586	38,382,692
Capital ratios (as a percentage of risk-weighted exposure amount)					
Common Equity Tier 1 ratio (%) ⁽³⁾	16.5%	16.7%	16.8%	15.4%	16.2%
Tier 1 ratio (%)	16.5%	16.7%	16.9%	15.4%	16.2%
Total capital ratio (%) ⁽³⁾	21.0%	21.2%	21.6%	20.0%	21.1%
Additional own funds requirements to address risks other than the risk of excessive leverage (as a percentage of risk-weighted exposure amount)					
Additional own funds requirements to address risks other than the risk of excessive leverage (%)	2.75%	2.75%	2.75%	2.75%	2.75%
of which: to be made up of CET1 capital (percentage points)	1.55%	1.55%	1.55%	1.55%	1.55%
of which: to be made up of Tier 1 capital (percentage points)	2.06%	2.06%	2.06%	2.06%	2.06%
Total SREP own funds requirements (%)	10.75%	10.75%	10.75%	10.75%	10.75%
Combined buffer and overall capital requirement (as a percentage of risk-weighted exposure amount)					
Capital conservation buffer (%)	2.5%	2.5%	2.5%	2.5%	2.5%
Conservation buffer due to macro-prudential or systemic risk identified at the level of a Member State (%)	-	-	-	-	-
Institution specific countercyclical capital buffer (%)	0.0005%	0.0006%	0.0005%	0.0008%	0.0010%
Systemic risk buffer (%)	-	-	-	-	-
Global Systemically Important Institution buffer (%)	-	-	-	-	-
Other Systemically Important Institution buffer (%)	-	-	-	-	-
Combined buffer requirement (%)	2.5%	2.5%	2.5%	2.5%	2.5%
Overall capital requirements (%)	13.3%	13.3%	13.3%	13.3%	13.3%
CET1 available after meeting the total SREP own funds requirements (%)	10.5%	10.6%	10.8%	9.3%	10.1%
Leverage ratio					
Total exposure measure	100,728,726	103,490,121	100,069,115	102,940,753	110,048,482
Leverage ratio (%)	6.8%	6.6%	6.8%	6.1%	5.7%
Additional own funds requirements to address the risk of excessive leverage (as a percentage of total exposure measure)					
Additional own funds requirements to address the risk of excessive leverage (%)	0%	0%	0%	0%	0%
of which: to be made up of CET1 capital (percentage points)	0%	0%	0%	0%	0%
Total SREP leverage ratio requirements (%)	3.1%	0%	0%	0%	0%
Leverage ratio buffer and overall leverage ratio requirement (as a percentage of total exposure measure)					
Leverage ratio buffer requirement (%)	0%	0%	0%	0%	0%
Overall leverage ratio requirement (%)	3.1%	0%	0%	0%	0%
Liquidity Coverage Ratio⁽⁴⁾					
Total high-quality liquid assets (HQLA) (Weighted value - average)	20,750,021	22,610,506	20,518,494	19,692,246	21,019,864
Cash outflows - Total weighted value	15,565,268	19,043,241	16,106,896	15,538,487	14,391,847
Cash inflows - Total weighted value	2,609,352	2,414,532	2,329,599	3,012,438	2,610,215
Total net cash outflows (adjusted value)	12,955,916	16,628,709	13,777,297	12,526,049	11,781,632
Liquidity coverage ratio (%)	160%	136%	149%	157%	178%
Net Stable Funding Ratio					
Total available stable funding	81,580,325	91,105,650	87,656,860	86,619,976	85,026,734
Total required stable funding	71,806,069	80,542,946	78,609,708	78,553,140	77,245,284
NSFR ratio (%)	114%	113%	112%	110%	110%

(1) Not integrating the interim result

(2) Integrating the annual result

(3) At the end of June 2021, the CET1 ratio and the total capital ratio, integrating the interim result, are 17.1% and 21.6% respectively

(4) At the reporting date

The Crédit Mutuel Arkéa group has to comply with additional capital requirements, as follows:

- a conservation buffer which is mandatory for all establishments;
- a specific countercyclical capital buffer for each establishment. The countercyclical buffer, which is designed to protect banks from excessive growth in credit (in particular a deviation from the ratio of credit to gross domestic product), is imposed at the discretion of the designated authority of each jurisdiction, applicable to all exposures that establishments have in this jurisdiction. In France, the countercyclical buffer is set by the French financial stability authority (Haut Conseil de Stabilité Financière), hereinafter referred to as the “HCSF”. In April 2020, the HCSF lowered this rate to 0% of risk-weighted assets on French exposures. The mandatory recognition of countercyclical capital buffer rates implemented in other states was capped at 2.5%. Beyond this cap, rates require the explicit recognition of the HCSF. The countercyclical buffer rate specific to the Group is the weighted average of the countercyclical buffer rates that apply in the countries that correspond to the Group’s main credit exposures.

Table 5 (EU CCyB1): Geographical distribution of credit exposures relevant for the calculation of the countercyclical buffer

In € thousands	General credit exposures		General credit exposures - Market risk		Securitisation exposures Exposure value for non-trading book	Total exposure value
	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		
Breakdown by country:						
Norway	3,177	299,941				
Luxembourg	6,000	64,829				
Other countries	10,702,355	69,269,979				
Total	10,711,531	69,634,748				

In € thousands	Own fund requirements				Risk-weighted exposure amounts	Own fund requirements weights (%)	Countercyclical buffer rate (%)
	Relevant credit risk exposures - Credit risk	Relevant credit exposures – Market risk	Relevant credit exposures – Securitisation positions in the non-trading book	Total			
Breakdown by country:							
Norway	687			687	8,593	0.024%	1.00%
Luxembourg	1,608			1,608	20,099	0.055%	0.50%
Other countries	2,911,582			2,911,582	36,394,775	99.921%	0.00%
Total	2,913,877			2,913,877	36,423,467		

Table 6 (EU CCyB2): Amount of institution-specific countercyclical capital buffer

In € thousands

Total risk exposure amount	41,311,217
Institution specific countercyclical capital buffer rate (in %)	0.0005%
Institution specific countercyclical capital buffer requirement	211

2.2. Leverage ratio

Under CRR2, banks may exclude certain Central Bank exposures from the total leverage ratio exposure when justified by exceptional macroeconomic circumstances. When applying this exemption, institutions must meet an adjusted leverage ratio requirement of more than 3%. On June 18, 2021, the European Central Bank declared that credit institutions under its supervision may apply this exclusion in view of the existence of exceptional circumstances since December 31, 2019; this measure is applicable until March 31, 2022. Crédit Mutuel Arkéa applies this provision and must therefore comply with a leverage ratio requirement of 3.11% during this period.

Table 7 (EU LR1 - LRSum): Summary reconciliation of accounting assets and leverage ratio exposures

In € thousands	Applicable amount
Total assets as per published financial statements	174,915,304
Adjustment for entities which are consolidated for accounting purposes but are outside the scope of prudential consolidation	-54,487,478
(Adjustment for securitised exposures that meet the operational requirements for the recognition of risk transference)	-
(Adjustment for temporary exemption of exposures to central banks (if applicable))	-12,187,000
(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)	-
Adjustment for regular-way purchases and sales of financial assets subject to trade date accounting	-
Adjustment for eligible cash pooling transactions	-
Adjustment for derivative financial instruments	-496,919
Adjustment for securities financing transactions (SFTs)	841,645
Adjustment for off-balance sheet items (ie conversion to credit equivalent amounts of off-balance sheet exposures)	4,890,011
(Adjustment for prudent valuation adjustments and specific and general provisions which have reduced Tier 1 capital)	-66,473
(Adjustment for exposures excluded from the total exposure measure in accordance with point (c) of Article 429a(1) CRR)	-1,351,618
(Adjustment for exposures excluded from the total exposure measure in accordance with point (j) of Article 429a(1) CRR)	-8,082,257
Other adjustments	-3,246,488
Total exposure measure	100,728,726

Table 8 (EU LR2 - LRCom): Leverage ratio common disclosure

In € thousands	CRR leverage ratio exposures	
	06.30.2021	03.31.2021
On-balance sheet exposures (excluding derivatives and SFTs)		
On-balance sheet items (excluding derivatives, SFTs, but including collateral)	112,856,036	114,623,980
Gross-up for derivatives collateral provided, where deducted from the balance sheet assets pursuant to the applicable accounting framework	-	-
(Deductions of receivables assets for cash variation margin provided in derivatives transactions)	-	-
(Adjustment for securities received under securities financing transactions that are recognised as an asset)	-	-
(General credit risk adjustments to on-balance sheet items)	-	-
(Asset amounts deducted in determining Tier 1 capital)	-	-
Total on-balance sheet exposures (excluding derivatives and SFTs)	112,856,036	114,623,980
Derivative exposures		
Replacement cost associated with SA-CCR derivatives transactions (ie net of eligible cash variation margin)	496,693	
Derogation for derivatives: replacement costs contribution under the simplified standardised approach	-	
Add-on amounts for potential future exposure associated with SA-CCR derivatives transactions	407,566	
Derogation for derivatives: Potential future exposure contribution under the simplified standardised approach	-	
Exposure determined under Original Exposure Method	-	
(Exempted CCP leg of client-cleared trade exposures) (SA-CCR)	-	
(Exempted CCP leg of client-cleared trade exposures) (simplified standardised approach)	-	
(Exempted CCP leg of client-cleared trade exposures) (Original Exposure Method)	-	
Adjusted effective notional amount of written credit derivatives	-	
(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-	
Total derivatives exposures	904,259	822,554
Securities financing transaction (SFT) exposures		
Gross SFT assets (with no recognition of netting), after adjustment for sales accounting transactions	3,699,296	2,934,636
(Netted amounts of cash payables and cash receivables of gross SFT assets)	-	
Counterparty credit risk exposure for SFT assets	-	-
Derogation for SFTs: Counterparty credit risk exposure in accordance with Articles 429e(5) and 222 CRR	-	
Agent transaction exposures	-	
(Exempted CCP leg of client-cleared SFT exposure)	-	
Total securities financing transaction exposures	3,699,296	2,934,636
Other off-balance sheet exposures		
Off-balance sheet exposures at gross notional amount	15,251,952	14,450,871
(Adjustments for conversion to credit equivalent amounts)	10,361,942	9,697,577
(General provisions deducted in determining Tier 1 capital and specific provisions associated associated with off-balance sheet exposures)	-	-
Off-balance sheet exposures	4,890,011	4,753,294

In € thousands	CRR leverage ratio exposures	
	06.30.2021	03.31.2021
Excluded exposures		
(Exposures excluded from the total exposure measure in accordance with point (c) of Article 429a(1) CRR)	-13,538,618	-11,684,000
(Exposures exempted in accordance with point (j) of Article 429a(1) CRR (on and off balance sheet))	-8,082,257	-7,960,343
(Excluded exposures of public development banks (or units) - Public sector investments)	-	-
(Excluded exposures of public development banks (or units) - Promotional loans)	-	-
(Excluded passing-through promotional loan exposures by non-public development banks (or units))	-	-
(Excluded guaranteed parts of exposures arising from export credits)	-	-
(Excluded excess collateral deposited at triparty agents)	-	-
(Excluded CSD related services of CSD/institutions in accordance with point (o) of Article 429a(1) CRR)	-	-
(Excluded CSD related services of designated institutions in accordance with point (p) of Article 429a(1) CRR)	-	-
(Reduction of the exposure value of pre-financing or intermediate loans)	-	-
(Total exempted exposures)	-21,620,875	-19,644,343
Capital and total exposure measure		
Tier 1 capital	6,827,720	6,799,302
Total exposure measure	100,728,726	103,490,121
Leverage ratio		
Leverage ratio (%)	6.8%	6.6%
Leverage ratio (excluding the impact of the exemption of public sector investments and promotional loans) (%)		
Leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves) (%)	6.0%	5.9%
Regulatory minimum leverage ratio requirement (%)		
Additional own funds requirements to address the risk of excessive leverage (%)		
of which: to be made up of CET 1 capital		
Leverage ratio buffer requirement (%)		
Overall leverage ratio requirement (%)	3.1%	
Choice on transitional arrangements and relevant exposures		
Choice on transitional arrangements for the definition of the capital measure	NA	NA
Disclosure of mean values		
Mean of daily values of gross SFT assets, after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivable	3,699,296	2,934,636
Quarter-end value of gross SFT assets, after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables	3,699,296	2,934,636
Total exposure measure (including the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	100,728,726	103,490,121
Total exposure measure (excluding the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	109,216,430	112,239,484
Leverage ratio (including the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	6.8%	6.6%
Leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves) incorporating mean values from row 28 of gross SFT assets (after adjustment for sale accounting transactions and netted of amounts of associated cash payables and cash receivables)	6.3%	6.1%

Table 9 (EU LR3 - LRSpl): Split-up of on balance sheet exposures (excluding derivatives, securities financing transactions and exempted exposures)

In € thousands	CRR leverage ratio exposures
Total on-balance sheet exposures (excluding derivatives, SFTs, and exempted exposures), of which:	92,586,779
Trading book exposures	-
Banking book exposures, of which:	92,586,779
Covered bonds	2,611,070
Exposures treated as sovereigns	6,882,265
Exposures to regional governments, MDB, international organisations and PSE, not treated as sovereigns	5,195,801
Institutions	8,038,860
Secured by mortgages of immovable properties	29,770,608
Retail exposures	18,206,685
Corporates	15,810,783
Exposures in default	702,530
Other exposures (eg equity, securitisations, and other non-credit obligation assets)	5,368,177

3. Credit risk

Credit risk is one the Crédit Mutuel Arkéa group's main risks.

3.1. Exposures

The Group uses its internal ratings system to calculate its regulatory capital requirements in respect of credit risk, following the authorization issued by the regulatory authorities:

- using the advanced method, as from June 30, 2008, for the retail customer portfolio;
- using the foundation method, as from December 31, 2008, then the advanced method, as from December 31, 2021, for the bank portfolio;
- using the advanced method, as from December 31, 2012, for the corporate portfolio.

As part of the targeted review of internal models assessments, the European central bank (hereinafter “**ECB**”) confirmed the authorization given to the Group in relation to the home loans portfolio of retail customers in 218, the portfolio of companies and non-trading companies of retail customers in 2019 and the portfolios of banks and corporate large accounts in 2020.

Table 10 (EU CR1-A): Maturity of exposures

In € thousands	Net exposure value					Total
	On demand	<= 1 year	> 1 year <= 5 years	> 5 years	No stated maturity	
Loans and advances	15,311,040	4,956,816	12,261,670	53,168,859	370,813	86,069,199
Debt securities	-	3,854,847	5,128,018	1,793,583	-	10,776,447
Total	15,311,040	8,811,663	17,389,688	54,962,442	370,813	96,845,646

3.2. Credit quality of assets

Non performing exposures

A common definition of default has been adopted for all Credit Mutuel entities. Based on the alignment of the prudential treatment with the accounting treatment (CRC 2002-03), this definition matches the Basel concept of loans in default and the accounting concept of non-performing loans and loans in litigation. The computer software factors in contagion, which means downgrading can be extended to include related outstandings. The controls carried out by the internal audit and by the statutory auditors ensure the reliability of the procedures for identifying defaults used to calculate capital requirements.

Forborne exposures

Exposures are restructured as a result of the debtor's financial difficulties. This involves the Group making concessions to the debtor (changes in the contract terms such as the rate or term, partial waiver, additional financing that would not have been granted in the absence of such difficulties, etc.). The Crédit Mutuel Arkéa group has the means in its IT systems to identify restructured exposures in its performing and non-performing portfolios, which are defined using the principles set out by the European banking agency (hereinafter "EBA") on October 23, 2013. Restructuring results, as a minimum, in a transfer to bucket 2.

Table 11 (EU CQ1): Credit quality of forborne exposures

Gross carrying amount/nominal amount of exposures with forbearance measures				
	Performing forborne	Non-performing forborne		
			Of which defaulted	Of which impaired
In € thousands				
Cash balances at central banks and other demand deposits	-	-	-	-
Loans and advances	164,255	450,677	450,677	450,677
<i>Central banks</i>	-	-	-	-
<i>General governments</i>	3,006	-	-	-
<i>Credit institutions</i>	-	-	-	-
<i>Other financial corporations</i>	36,351	29,844	29,844	29,844
<i>Non-financial corporations</i>	72,932	196,310	196,310	196,310
<i>Households</i>	51,966	224,523	224,523	224,523
Debt Securities	-	-	-	-
Loan commitments given	-	-	-	-
Total	164,255	450,677	450,677	450,677
	Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions		Collateral received and financial guarantees received on forborne exposures	
	On performing forborne exposures	On non-performing forborne exposures	Of which collateral and financial guarantees received on non-performing exposures with forbearance measures	
In € thousands				
Cash balances at central banks and other demand deposits	-	-	-	-
Loans and advances	-16,737	-180,889	241,007	174,293
<i>Central banks</i>	-	-	-	-
<i>General governments</i>	-	-	-	-
<i>Credit institutions</i>	-	-	-	-
<i>Other financial corporations</i>	-3,078	-19,346	5,233	4,481
<i>Non-financial corporations</i>	-9,857	-79,532	102,247	74,179
<i>Households</i>	-3,802	-82,011	133,527	95,633
Debt Securities	-	-	-	-
Loan commitments given	-	-	-	-
Total	-16,737	-180,889	241,007	174,293

Table 12 (EU CQ4): Quality of non-performing exposures by geography

In € thousands		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 defaulted			
On-balance-sheet exposures	97,988,522		1,466,485	-1,142,876		-
France	88,563,990		1,442,295	-1,112,376		-
Belgium	1,337,200		1,751	-2,582		-
Germany	1,072,635		30	-457		-
United Kingdom	954,124		313	-952		-
Netherlands	916,807		1,487	-2,477		-
Canada	784,468		267	-343		-
Spain	754,196		950	-1,378		-
Italy	712,879		2	-1,830		-
Sweden	663,650		-	-677		-
Luxembourg	362,509		1,018	-1,394		-
Ireland	337,394		13,400	-13,624		-
USA	234,784		3,619	-2,984		-
Austria	205,731		-	-85		-
Other countries	1,088,155		1,353	-1,717		-
Off-balance-sheet exposures	31,851,313		138,725		53,210	
France	31,663,923		138,664		53,107	
Belgium	139,355		-		74	
United Kingdom	15,911		11		3	
Luxembourg	8,704		-		17	
Germany	6,162		-		3	
Other countries	17,258		50		6	
Total	129,839,835		1,605,210	-1,142,876	53,210	-

Table 13 (EU CQ5): Credit quality of loans and advances to non-financial corporations by industry

In € thousands		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			
Agriculture, forestry and fishing	2,157,107	97,963		-110,243	-
Mining and quarrying	17,332	35		-150	-
Manufacturing	969,895	56,854		-45,191	-
Electricity, gas, steam and air conditioning supply	241,749	13,939		-8,813	-
Water supply	92,818	3,235		-2,902	-
Construction	1,417,021	44,681		-39,183	-
Wholesale and retail trade	2,329,264	134,245		-100,895	-
Transport and storage	532,747	28,517		-10,911	-
Accommodation and food service activities	554,571	38,527		-41,981	-
Information and communication	216,106	22,440		-19,983	-
Financial and insurance activities	7,889,236	107,642		-119,653	-
Real estate activities	-	-		-	-
Professional, scientific and technical activities	2,406,479	53,414		-49,552	-
Administrative and support service activities	889,482	26,937		-24,565	-
Public administration and defense, compulsory social security	75,422	-		-	-
Education	146,798	1,721		-1,216	-
Human health services and social work activities	300,084	6,038		-4,793	-
Arts, entertainment and recreation	219,816	13,553		-8,650	-
Other services	315,551	72,320		-10,986	-
Total	20,771,478	722,061		-599,667	-

Table 14 (EU CQ7): Collateral obtained by taking possession and execution processes

In € thousands	Collateral obtained by taking possession	
	Value at initial recognition	Accumulated negative changes
Property, plant and equipment (PP&E)	-	-
Other than PP&E	2,117	-692
Residential immovable property	2,117	-692
Commercial Immovable property	-	-
Movable property (auto, shipping, etc.)	-	-
Equity and debt instruments	-	-
Other collateral	-	-
Total	2,117	-692

Table 15 (EU CR1): Performing and non-performing exposures and related provisions

Gross carrying amount/nominal amount						
In € thousands	Performing exposures			Non-performing exposures		
	Of which stage 1	Of which stage 2		Of which stage 1	Of which stage 2	
Cash balances at central banks and other demand deposits	14,569,036	14,569,036	-	-	-	
Loans and advances	85,736,560	81,553,402	4,174,286	1,460,829	1,460,829	
Central banks	-	-	-	-	-	
General governments	6,357,025	6,312,903	44,122	6,252	6,252	
Credit institutions	15,912,883	15,912,622	-	-	-	
Other financial corporations	3,783,463	3,483,853	299,610	72,102	72,102	
Non-financial corporations	20,049,417	17,658,331	2,382,475	722,061	722,061	
Of which SMEs	9,460,984	8,302,342	1,158,642	533,131	533,131	
Households	39,633,772	38,185,693	1,448,079	660,414	660,414	
Debt securities	10,785,477	10,399,931	140,544	5,656	5,656	
Central banks	47,829	47,829	-	-	-	
General governments	2,497,369	2,497,369	-	-	-	
Credit institutions	6,280,419	6,280,379	-	-	-	
Other financial corporations	319,669	251,734	52,742	-	-	
Non-financial corporations	1,640,191	1,322,620	87,802	5,656	5,656	
Off-balance-sheet exposures	31,712,588	30,906,547	806,041	138,725	138,725	
Central banks	14,658,963	14,658,963	-	-	-	
General governments	1,585,434	1,580,384	5,050	-	-	
Credit institutions	1,799,668	1,799,663	5	-	-	
Other financial corporations	2,425,103	2,366,007	59,096	10,258	10,258	
Non-financial corporations	7,531,561	6,937,432	594,129	107,373	107,373	
Households	3,711,859	3,564,098	147,761	21,094	21,094	
Total	142,803,661	137,428,916	5,120,871	1,605,210	1,605,210	

In € thousands	Accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions				Collateral and financial guarantees received	
	Performing exposures – accumulated impairment and provisions		Non-performing exposures – accumulated impairment, accumulated negative changes in fair value due to credit risk and provisions		On performing exposures	On non-performing exposures
	Of which stage 1	Of which stage 2	Of which stage 1	Of which stage 2		
Cash balances at central banks and other demand deposits	-	-	-	-	-	-
Loans and advances	-370,599	-155,706	-214,893	-757,591	-757,591	48,144,370
Central banks	-	-	-	-	-	-
General governments	-6,046	-4,965	-1,081	-2	-2	1,478,247
Credit institutions	-2,552	-2,552	-	-	-	402,442
Other financial corporations	-37,408	-15,329	-22,079	-43,117	-43,117	2,609,230
Non-financial corporations	-189,518	-64,758	-124,760	-410,149	-410,149	14,765,237
Of which SMEs	-95,592	-33,735	-61,857	-328,450	-328,450	6,356,823
Households	-135,075	-68,102	-66,973	-304,323	-304,323	28,889,214
Debt securities	-9,219	-8,320	-899	-5,467	-5,467	-
Central banks	-6	-6	-	-	-	-
General governments	-2,474	-2,474	-	-	-	-
Credit institutions	-2,235	-2,235	-	-	-	-
Other financial corporations	-2,116	-1,492	-624	-	-	-
Non-financial corporations	-2,388	-2,113	-275	-5,467	-5,467	-
Off-balance-sheet exposures	-21,850	-15,195	-6,655	-31,360	-31,360	2,801,869
Central banks	-	-	-	-	-	91,867
General governments	-617	-608	-9	-	-	590
Credit institutions	-63	-63	-	-	-	411,048
Other financial corporations	-2,716	-1,558	-1,158	-141	-141	222,493
Non-financial corporations	-15,343	-10,493	-4,850	-26,965	-26,965	1,295,735
Households	-3,111	-2,473	-638	-4,254	-4,254	780,136
Total	-401,668	-179,221	-222,447	-794,418	-794,418	50,946,239

Exposures subject to measures put in place in response to the Covid-19 crisis (moratoria, government-guaranteed loans, other support measures)

Table 16 (template 1): Information on loans and advances subject to legislative and non-legislative moratoria

	Gross carrying amount						
	Performing				Non performing		
		Of which: exposures with forbearance measures	Of which: Instruments with significant increase in credit risk since initial recognition but not credit-impaired (Stage 2)		Of which: exposures with forbearance measures	Of which: Unlikely to pay that are not past-due or past-due <= 90 days	
In € thousands							
Loans and advances subject to moratorium	16,850	16,843	-	7,225	7	-	7
of which: Households	-	-	-	-	-	-	-
of which: Collateralised by residential immovable property	-	-	-	-	-	-	-
of which: Non-financial corporations	16,850	16,843	-	7,225	7	-	7
of which: Small and Medium-sized Enterprises	16,850	16,843	-	7,225	7	-	7
of which: Collateralised by commercial immovable property	-	-	-	-	-	-	-

	Accumulated impairment, accumulated negative changes in fair value due to credit risk							Gross carrying amount
	Performing				Non performing			Inflows to non-performing exposures
		Of which: exposures with forbearance measures	Of which: Instruments with significant increase in credit risk since initial recognition but not credit-impaired (Stage 2)		Of which: exposures with forbearance measures	Of which: Unlikely to pay that are not past-due or past-due <= 90 days		
In € thousands								
Loans and advances subject to moratorium	-484	-481	-	-439	-3	-	-3	-
of which: Households	-	-	-	-	-	-	-	-
of which: Collateralised by residential immovable property	-	-	-	-	-	-	-	-
of which: Non-financial corporations	-484	-481	-	-439	-3	-	-3	-
of which: Small and Medium-sized Enterprises	-484	-481	-	-439	-3	-	-3	-
of which: Collateralised by commercial immovable property	-	-	-	-	-	-	-	-

This version of the template excludes expired moratoria, included in the previous disclosure, and displays default entries on a semi-annual basis instead of quarterly.

Table 17 (template 2): Breakdown of loans and advances subject to legislative and non-legislative moratoria by residual maturity of moratoria

In € thousands	Number of obligors	Gross carrying amount							
			Of which: legislative moratoria	Of which: expired	Residual maturity of moratoria				
					<= 3 months	> 3 months <= 6 months	> 6 months <= 9 months	> 9 months <= 12 months	> 1 year
Loans and advances for which moratorium was offered	17,208	2,966,945							
Loans and advances subject to moratorium (granted)	17,208	2,966,945	-	2,950,095	12,013	1,272	-	117	3,448
of which: Households		-	-	-	-	-	-	-	-
of which: Collateralised by residential immovable property		-	-	-	-	-	-	-	-
of which: Non-financial corporations		2,966,945	-	2,950,095	12,013	1,272	-	117	3,448
of which: Small and Medium-sized Enterprises		2,746,766	-	2,729,915	12,013	1,272	-	117	3,448
of which: Collateralised by commercial immovable property		11,884	-	11,884	-	-	-	-	-

Table 18 (template 3): Information on newly originated loans and advances provided under newly applicable public guarantee schemes introduced in response to COVID-19 crisis

In € thousands	Gross carrying amount		Maximum amount of the guarantee that can be considered	Gross carrying amount
	of which: forborne		Public guarantees received	Inflows to non-performing exposures
Newly originated loans and advances subject to public guarantee schemes	1,552,971	32,290	1,393,421	19,885
of which: Households	-			-
of which: Collateralised by residential immovable property	-			-
of which: Non-financial corporations	1,552,971	32,290	1,393,421	19,885
of which: Small and Medium-sized Enterprises	1,253,697			9,355
of which: Collateralised by commercial immovable property	2,210			-

This version of the template displays default entries on a semi-annual basis instead of quarterly, included in the previous disclosure.

3.3. Standardized approach

Exposures dealt with under the standardized approach are set out in the following table.

The Crédit Mutuel Arkéa group uses assessments by rating agencies recognized by the supervisor (external credit assessment institutions - ECAI) to measure the risk on exposures dealt with using the standard method. The ratings of Standard & Poor's, Moody's and Fitch are mainly used for exposures to institutions, governments and central banks. The valuations of the Banque de France are mainly used for exposures to companies.

The cross-reference table used to link the credit quality steps to the external ratings taken into consideration is that defined in the regulations.

Table 19 (EU CR5): Standardised approach

Exposure classes In € thousands	Risk weight								
	0%	2%	4%	10%	20%	35%	50%	70%	75%
Central governments or central banks	16,371,162	-	-	-	-	-	-	-	-
Regional government or local authorities	-	-	-	-	5,386,138	-	-	-	-
Public sector entities	10,228,359	-	-	-	332,329	-	-	-	-
Multilateral development banks	197,647	-	-	-	-	-	-	-	-
International organisations	47,824	-	-	-	-	-	-	-	-
Institutions	226,006	152,828	-	-	23,245	-	18,045	-	-
Corporates	-	-	-	-	18,129	-	77,810	-	-
Retail exposures	-	-	-	-	-	-	-	-	3,407,081
Exposures secured by mortgages on immovable property	-	-	-	-	-	4,875,214	-	-	858,008
Exposures in default	-	-	-	-	-	-	-	-	-
Exposures associated with particularly high risk	-	-	-	-	-	-	-	-	-
Covered bonds	-	-	-	19,130	-	-	-	-	-
Exposures to institutions and corporates with a short-term credit assessment	-	-	-	-	-	-	-	-	-
Units or shares in collective investment undertakings	-	-	-	-	-	-	-	-	-
Equity exposures	-	-	-	-	-	-	-	-	-
Other items	-	-	-	-	-	-	-	-	-
TOTAL	27,070,998	152,828	-	19,130	5,759,841	4,875,214	95,855	-	4,265,089

Exposure classes In € thousands	Risk weight						Total	Of which unrated
	100%	150%	250%	370%	1250%	Others		
Central governments or central banks	-	-	73,670	-	-	-	16,444,831	180,509
Regional government or local authorities	-	-	-	-	-	-	5,386,138	124,689
Public sector entities	-	-	-	-	-	-	10,560,688	225,132
Multilateral development banks	-	-	-	-	-	-	197,647	3,495
International organisations	-	-	-	-	-	-	47,824	-
Institutions	4,957	-	-	-	-	-	425,081	415,704
Corporates	140,007	15,154	-	-	-	-	251,099	175,673
Retail exposures	-	-	-	-	-	-	3,407,081	3,407,081
Exposures secured by mortgages on immovable property	-	-	-	-	-	-	5,733,222	5,733,222
Exposures in default	238,408	22,368	-	-	-	-	260,776	260,776
Exposures associated with particularly high risk	-	-	-	-	-	-	-	-
Covered bonds	-	-	-	-	-	-	19,130	-
Exposures to institutions and corporates with a short-term credit assessment	-	-	-	-	-	-	-	-
Units or shares in collective investment undertakings	-	-	-	-	8,303	282,699	291,002	291,002
Equity exposures	3,361	-	18,696	-	-	-	22,057	22,057
Other items	733,413	-	-	-	-	-	733,413	733,413
TOTAL	1,120,146	37,522	92,366	-	8,303	282,699	43,779,991	11,572,753

3.4. Internal ratings-based approach

Rating procedures and parameters

Rating algorithms and expert models have been developed to improve credit risk assessment within Crédit Mutuel and to comply with the regulatory requirements concerning internal ratings-based approaches.

The counterparty rating system is used throughout Crédit Mutuel.

The parameters used to calculate weighted risks (hereinafter “**RWA**”) are national and apply to all Crédit Mutuel entities.

Table 20 (EU CR6): IRB approach – Credit risk exposures by exposure class and PD range

A-IRB In € thousands	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 adjust- ments and provisions
Credit institution												
	0.00 to <0.15	10,181,922	23,213	99%	10,197,755	0.03%	28%	2.5	801,499	8%	718	-
	0.00 to <0.10	9,348,530	18,096	99%	9,360,542	0.02%	28%	2.5	514,716	5%	426	-
	0.10 to <0.15	833,391	5,117	99%	837,213	0.10%	35%	2.5	288,782	34%	292	-
	0.15 to <0.25	136,242	-	-	136,242	0.23%	10%	2.5	19,260	14%	32	-
	0.25 to <0.50	3,848	-	-	3,848	0.44%	53%	2.5	4,272	111%	9	-
	0.50 to <0.75	-	-	-	-	-	-	-	-	-	-	-
	0.75 to <2.50	10,202	-	-	10,202	1.02%	28%	2.5	8,192	80%	29	-
	0.75 to <1.75	10,202	-	-	10,202	1.02%	28%	2.5	8,192	80%	29	-
	1.75 to <2.5	-	-	-	-	-	-	-	-	-	-	-
	2.50 to <10.00	163	-	-	163	2.79%	28%	2.5	169	104%	1	-
	2.5 to <5	163	-	-	163	2.79%	28%	2.5	169	104%	1	-
	5 to <10	-	-	-	-	-	-	-	-	-	-	-
	10.00 to <100.00	28,900	-	-	28,900	21.61%	6%	2.5	11,208	39%	361	-
	10 to <20	-	-	-	-	-	-	-	-	-	-	-
	20 to <30	28,900	-	-	28,900	21.61%	6%	2.5	11,208	39%	361	-
	30.00 to <100.00	-	-	-	-	-	-	-	-	-	-	-
	100.00 (Default)	-	-	-	-	-	-	-	-	-	-	-
	Sub-total (Credit institution)	10,361,276	23,213	99%	10,377,109	0.09%	28%	2.5	844,601	8%	1,150	-2,733
Corporates												
	0.00 to <0.15	1,867,171	862,172	92%	2,333,573	0.10%	58%	2.5	904,813	39%	1,197	-
	0.00 to <0.10	1,165,421	564,748	92%	1,475,783	0.08%	71%	2.5	657,014	45%	815	-
	0.10 to <0.15	701,750	297,424	93%	857,791	0.13%	34%	2.5	247,799	29%	382	-
	0.15 to <0.25	-	-	-	-	-	-	-	-	-	-	-
	0.25 to <0.50	1,298,010	1,038,588	89%	1,805,364	0.35%	45%	2.5	1,159,522	64%	2,823	-
	0.50 to <0.75	4,880,890	1,690,973	91%	5,703,211	0.64%	23%	2.5	1,902,441	33%	8,345	-
	0.75 to <2.50	5,598,444	2,434,551	90%	6,922,630	1.40%	30%	2.5	4,344,700	63%	27,673	-
	0.75 to <1.75	4,171,284	1,885,899	90%	5,230,849	1.19%	32%	2.5	3,475,980	66%	19,508	-
	1.75 to <2.5	1,427,160	548,652	90%	1,691,782	2.03%	24%	2.5	868,720	51%	8,165	-
	2.50 to <10.00	3,474,166	1,300,677	90%	4,222,965	3.90%	28%	2.5	3,301,740	78%	45,625	-
	2.5 to <5	3,030,589	1,196,616	90%	3,723,835	3.39%	29%	2.5	2,956,010	79%	36,933	-
	5 to <10	443,596	104,061	90%	499,130	7.70%	23%	2.5	345,730	68%	8,692	-
	10.00 to <100.00	444,658	91,069	92%	496,579	22.97%	25%	2.5	529,267	107%	27,455	-
	10 to <20	207,735	66,072	91%	249,517	15.15%	28%	2.5	290,524	116%	10,809	-
	20 to <30	903	-	100%	903	24.06%	21%	2.5	757	84%	46	-
	30.00 to <100.00	236,020	24,998	93%	246,159	30.89%	22%	2.5	237,985	97%	16,800	-
	100.00 (Default)	398,454	128,794	95%	497,354	100.00%	58%	2.5	268,319	54%	263,024	-
	Sub-total (Corporates)	17,961,791	7,546,825	91%	21,981,677	4.18%	33%	2.5	12,410,802	56%	376,140	-441,551
Corporates - of which: SMEs												
	0.00 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.00 to <0.10	-	-	-	-	-	-	-	-	-	-	-
	0.10 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.15 to <0.25	-	-	-	-	-	-	-	-	-	-	-
	0.25 to <0.50	-	-	-	-	-	-	-	-	-	-	-
	0.50 to <0.75	3,103,528	812,187	91%	3,527,039	0.64%	23%	2.5	975,840	26%	5,079	-
	0.75 to <2.50	2,291,887	728,587	91%	2,700,545	1.53%	23%	2.5	1,021,119	38%	9,488	-
	0.75 to <1.75	1,351,675	495,123	91%	1,629,774	1.21%	23%	2.5	570,462	35%	4,519	-
	1.75 to <2.5	940,212	233,464	91%	1,070,771	2.02%	23%	2.5	450,667	42%	4,969	-
	2.50 to <10.00	1,512,154	453,658	91%	1,796,036	3.93%	23%	2.5	900,131	90%	16,451	-
	2.5 to <5	1,276,229	394,384	91%	1,529,820	3.30%	23%	2.5	744,929	49%	11,815	-
	5 to <10	235,925	59,274	90%	266,216	7.57%	23%	2.5	155,202	58%	4,636	-
	10.00 to <100.00	185,608	25,663	92%	199,163	21.72%	22%	2.5	157,461	79%	9,488	-
	10 to <20	95,450	20,918	91%	106,728	13.79%	23%	2.5	79,127	74%	3,398	-
	20 to <30	903	-	100%	903	24.06%	21%	2.5	757	84%	46	-
	30.00 to <100.00	89,255	4,745	94%	91,532	30.94%	21%	2.5	77,577	85%	6,044	-
	100.00 (Default)	249,753	20,047	95%	257,496	100.00%	63%	2.5	185,584	72%	145,629	-
	Sub-total (Corporates - of which: SMEs)	7,342,931	2,040,141	91%	8,480,280	5.13%	24%	2.5	3,240,135	38%	186,136	-220,360

A-IRB in € thousands	P D 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 adjust- ments and provisions
Retail customers												
0.00 to <0.15		18,889,688	1,481,625	82%	19,678,595	0.06%	14%	-	506,617	3%	1,827	-
0.00 to <0.10		18,573,160	1,205,517	83%	19,158,041	0.06%	14%	-	473,931	2%	1,696	-
0.10 to <0.15		316,538	276,108	75%	520,554	0.12%	22%	-	32,686	6%	131	-
0.15 to <0.25		4,475,003	387,860	83%	4,679,768	0.20%	14%	-	260,974	6%	1,291	-
0.25 to <0.50		5,437,920	441,560	84%	5,649,055	0.35%	16%	-	490,269	9%	3,080	-
0.50 to <0.75		1,760,669	241,223	84%	1,887,544	0.61%	17%	-	225,260	12%	2,002	-
0.75 to <2.50		4,209,875	738,420	84%	4,570,179	1.46%	16%	-	856,400	19%	10,664	-
0.75 to <1.75		2,666,978	380,772	84%	2,861,295	1.05%	16%	-	465,728	16%	4,889	-
1.75 to <2.5		1,542,897	357,648	83%	1,708,884	2.17%	16%	-	390,671	23%	5,775	-
2.50 to <10.00		1,782,162	248,291	84%	1,900,272	5.01%	18%	-	602,365	32%	16,934	-
2.5 to <5		937,165	115,325	83%	993,197	3.53%	19%	-	301,638	30%	6,720	-
5 to <10		844,996	132,966	84%	907,075	6.64%	17%	-	300,827	33%	10,214	-
10.00 to <100.00		436,286	28,595	88%	460,236	21.26%	17%	-	239,006	53%	16,488	-
10 to <20		171,060	13,391	87%	177,475	14.38%	18%	-	79,617	46%	4,603	-
20 to <30		189,330	9,849	88%	194,132	23.16%	17%	-	122,359	63%	7,574	-
30.00 to <100.00		75,906	5,355	90%	78,629	32.09%	17%	-	37,030	47%	4,312	-
100.00 (Default)		622,746	11,880	95%	628,462	100.00%	56%	-	225,469	36%	332,085	-
Sub-total (Retail customers)		37,614,348	3,579,444	85%	39,444,110	2.38%	15%	-	3,406,358	9%	384,371	-482,802
Retail customers - of which: secured by mortgages on immovable property												
0.00 to <0.15		13,510,761	386,227	85%	13,668,728	0.06%	13%	-	321,180	2%	1,161	-
0.00 to <0.10		13,492,533	386,124	85%	13,650,457	0.06%	13%	-	320,464	2%	1,158	-
0.10 to <0.15		18,228	103	90%	18,270	0.12%	13%	-	716	4%	3	-
0.15 to <0.25		2,902,401	55,487	87%	2,925,096	0.20%	13%	-	159,680	5%	779	-
0.25 to <0.50		2,532,976	38,631	89%	2,548,834	0.36%	14%	-	224,304	9%	1,315	-
0.50 to <0.75		566,902	5,163	91%	568,045	0.62%	15%	-	65,461	12%	528	-
0.75 to <2.50		1,693,978	92,485	89%	1,731,821	1.37%	14%	-	361,148	21%	3,309	-
0.75 to <1.75		1,107,425	16,059	91%	1,114,006	0.95%	14%	-	185,195	17%	1,502	-
1.75 to <2.5		586,563	76,425	87%	617,815	2.11%	14%	-	175,953	28%	1,807	-
2.50 to <10.00		624,242	8,398	90%	627,765	4.95%	14%	-	281,363	46%	4,428	-
2.5 to <5		328,465	4,047	90%	330,126	3.46%	14%	-	124,822	38%	1,616	-
5 to <10		295,776	4,351	91%	297,839	6.60%	14%	-	156,541	53%	2,812	-
10.00 to <100.00		181,979	1,862	92%	182,742	21.33%	15%	-	139,756	76%	5,653	-
10 to <20		66,889	448	93%	57,073	14.81%	15%	-	39,901	70%	1,275	-
20 to <30		97,464	1,365	91%	98,023	21.75%	14%	-	79,736	81%	3,014	-
30.00 to <100.00		27,627	49	94%	27,647	33.32%	15%	-	20,120	73%	1,364	-
100.00 (Default)		278,381	846	97%	278,728	100.00%	54%	-	85,696	31%	143,322	-
Sub-total (Retail customers - of which: secured by mortgages on immovable property)		22,290,619	589,099	89%	22,531,759	1.77%	14%	-	1,638,478	7%	160,494	-209,969
Retail customers - of which: secured by mortgages on immovable property - SMEs												
0.00 to <0.15		-	-	-	-	-	-	-	-	-	-	-
0.00 to <0.10		-	-	-	-	-	-	-	-	-	-	-
0.10 to <0.15		-	-	-	-	-	-	-	-	-	-	-
0.15 to <0.25		646,442	6,674	89%	649,173	0.19%	14%	-	28,560	4%	167	-
0.25 to <0.50		719,056	4,288	91%	720,869	0.34%	17%	-	59,874	8%	409	-
0.50 to <0.75		547,096	4,468	91%	548,955	0.62%	15%	-	63,158	12%	514	-
0.75 to <2.50		451,802	4,171	83%	453,524	1.44%	16%	-	92,749	20%	1,018	-
0.75 to <1.75		343,293	3,063	83%	344,558	1.16%	16%	-	61,936	18%	621	-
1.75 to <2.5		108,509	1,108	83%	108,966	2.32%	16%	-	30,813	28%	396	-
2.50 to <10.00		199,549	2,837	83%	200,797	5.40%	16%	-	89,267	44%	1,714	-
2.5 to <5		94,631	790	82%	94,959	3.85%	16%	-	34,983	37%	546	-
5 to <10		104,918	2,047	83%	105,838	6.97%	16%	-	54,283	51%	1,167	-
10.00 to <100.00		85,987	301	87%	86,111	21.84%	16%	-	62,014	72%	2,948	-
10 to <20		43,581	189	86%	43,859	13.87%	16%	-	29,603	68%	955	-
20 to <30		16,619	65	87%	16,646	26.32%	17%	-	13,686	82%	741	-
30.00 to <100.00		25,787	47	89%	25,807	32.43%	15%	-	18,725	73%	1,251	-
100.00 (Default)		125,439	67	94%	125,467	100.00%	58%	-	46,325	37%	68,780	-
Sub-total (Retail customers - of which: secured by mortgages on immovable property - SMEs)		2,775,370	22,807	85%	2,784,897	6.06%	17%	-	441,946	16%	75,550	-91,805
Retail customers - of which: secured by mortgages on immovable property - Non-SMEs												
0.00 to <0.15		13,510,761	386,227	85%	13,668,728	0.06%	13%	-	321,180	2%	1,161	-
0.00 to <0.10		13,492,533	386,124	85%	13,650,457	0.06%	13%	-	320,464	2%	1,158	-
0.10 to <0.15		18,228	103	90%	18,270	0.12%	13%	-	716	4%	3	-
0.15 to <0.25		2,255,999	48,812	84%	2,275,923	0.20%	13%	-	131,021	6%	612	-
0.25 to <0.50		1,813,919	34,343	85%	1,827,965	0.37%	13%	-	164,430	9%	905	-
0.50 to <0.75		18,806	695	82%	19,090	0.56%	13%	-	2,293	12%	14	-
0.75 to <2.50		1,242,176	88,313	85%	1,278,297	1.34%	13%	-	268,399	21%	2,291	-
0.75 to <1.75		764,132	12,996	88%	769,448	0.85%	13%	-	123,259	16%	880	-
1.75 to <2.5		478,044	75,317	82%	508,949	2.07%	13%	-	145,140	29%	1,411	-
2.50 to <10.00		424,693	5,561	89%	426,967	4.74%	13%	-	192,097	45%	2,714	-
2.5 to <5		233,834	3,257	88%	235,166	3.39%	13%	-	89,839	38%	1,069	-
5 to <10		190,899	2,304	89%	191,801	6.39%	13%	-	102,258	53%	1,645	-
10.00 to <100.00		95,993	1,561	90%	96,631	20.88%	13%	-	77,742	80%	2,706	-
10 to <20		13,308	259	92%	13,414	17.87%	13%	-	10,297	77%	320	-
20 to <30		80,846	1,300	90%	81,377	20.81%	13%	-	66,050	81%	2,273	-
30.00 to <100.00		1,839	2	100%	1,840	46.87%	13%	-	1,394	76%	113	-
100.00 (Default)		152,942	779	95%	153,261	100.00%	51%	-	39,371	26%	74,541	-
Sub-total (Retail customers - secured by mortgages on immovable property - Non-SMEs)		19,515,249	566,292	86%	19,746,862	1.17%	14%	-	1,196,532	6%	84,945	-117,164

A-IRB in € thousands	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 adjust- ments and provisions
Retail customers - revolving												
	0.00 to <0.15	16,809	86,447	50%	34,185	0.09%	30%	-	590	2%	9	-
	0.00 to <0.10	9,174	57,815	49%	20,795	0.07%	30%	-	307	1%	5	-
	0.10 to <0.15	7,635	28,631	50%	13,380	0.11%	30%	-	283	2%	4	-
	0.15 to <0.25	4,417	10,942	45%	6,616	0.20%	30%	-	230	3%	4	-
	0.25 to <0.50	9,515	22,510	55%	14,039	0.30%	30%	-	676	5%	13	-
	0.50 to <0.75	11,346	17,468	54%	14,855	0.54%	30%	-	1,139	8%	24	-
	0.75 to <2.50	21,146	18,124	55%	24,788	1.62%	30%	-	4,342	18%	122	-
	0.75 to <1.75	10,858	10,398	53%	12,948	1.11%	30%	-	1,728	13%	44	-
	1.75 to <2.5	10,286	7,726	56%	11,839	2.17%	30%	-	2,614	22%	78	-
	2.50 to <10.00	9,801	3,695	57%	10,544	4.75%	30%	-	3,962	38%	162	-
	2.5 to <5	6,132	2,573	55%	6,649	3.78%	30%	-	2,165	33%	76	-
	5 to <10	3,669	1,123	58%	3,895	6.40%	30%	-	1,797	46%	76	-
	10.00 to <100.00	3,865	877	61%	4,041	17.13%	30%	-	3,116	77%	210	-
	10 to <20	1,498	382	56%	1,575	10.69%	30%	-	983	62%	51	-
	20 to <30	2,347	474	62%	2,442	21.00%	30%	-	2,110	86%	155	-
	30.00 to <100.00	19	21	61%	24	45.87%	30%	-	23	98%	3	-
	100.00 (Default)	3,502	51	84%	3,512	100.00%	72%	-	517	15%	2,472	-
	Sub-total (Retail customers - revolving)	80,399	160,103	49%	112,580	4.68%	32%	-	14,571	13%	3,005	-3,688
Retail customers - other												
	0.00 to <0.15	5,362,118	1,008,951	82%	5,975,682	0.07%	15%	-	184,947	3%	657	-
	0.00 to <0.10	5,071,443	761,578	82%	5,486,789	0.07%	14%	-	153,159	3%	533	-
	0.10 to <0.15	290,675	247,373	79%	468,893	0.12%	22%	-	31,687	6%	124	-
	0.15 to <0.25	1,568,185	321,431	82%	1,748,056	0.20%	15%	-	101,164	6%	508	-
	0.25 to <0.50	2,895,429	380,409	83%	3,086,181	0.34%	17%	-	265,289	9%	1,752	-
	0.50 to <0.75	1,183,421	218,603	83%	1,304,643	0.61%	18%	-	158,670	12%	1,450	-
	0.75 to <2.50	2,494,752	627,812	83%	2,813,571	1.52%	17%	-	460,910	17%	7,233	-
	0.75 to <1.75	1,548,695	354,315	83%	1,734,341	1.11%	17%	-	278,805	16%	3,344	-
	1.75 to <2.5	946,058	273,497	83%	1,079,230	2.19%	16%	-	212,105	20%	3,889	-
	2.50 to <10.00	1,148,119	236,198	83%	1,261,964	5.05%	20%	-	317,039	25%	12,355	-
	2.5 to <5	602,568	108,706	82%	656,422	3.56%	22%	-	174,551	27%	5,028	-
	5 to <10	545,551	127,492	84%	605,541	6.66%	18%	-	142,489	24%	7,327	-
	10.00 to <100.00	250,442	25,856	87%	263,452	21.27%	19%	-	96,133	36%	10,625	-
	10 to <20	112,663	12,562	86%	118,827	14.23%	20%	-	38,734	33%	3,277	-
	20 to <30	89,519	8,010	88%	93,667	24.69%	19%	-	40,512	43%	4,404	-
	30.00 to <100.00	48,260	5,284	89%	50,959	31.42%	18%	-	16,887	33%	2,944	-
	100.00 (Default)	340,863	10,983	95%	346,223	100.00%	57%	-	139,256	40%	186,291	-
	Sub-total (Retail customers - other)	15,249,330	2,830,242	84%	16,799,771	3.18%	17%	-	1,753,308	10%	220,872	-270,144
Retail customers - other - SMEs												
	0.00 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.00 to <0.10	-	-	-	-	-	-	-	-	-	-	-
	0.10 to <0.15	-	-	-	-	-	-	-	-	-	-	-
	0.15 to <0.25	549,310	89,014	82%	591,344	0.19%	16%	-	29,342	5%	174	-
	0.25 to <0.50	1,659,799	244,722	83%	1,770,447	0.33%	18%	-	142,913	8%	1,066	-
	0.50 to <0.75	954,466	137,771	83%	1,015,635	0.63%	17%	-	109,261	11%	1,116	-
	0.75 to <2.50	1,670,437	233,780	83%	1,779,614	1.49%	18%	-	292,579	16%	4,704	-
	0.75 to <1.75	1,105,415	162,702	83%	1,182,259	1.12%	18%	-	184,451	16%	2,415	-
	1.75 to <2.5	565,021	71,078	83%	597,354	2.23%	17%	-	108,128	18%	2,289	-
	2.50 to <10.00	908,087	152,075	83%	976,760	5.11%	21%	-	241,641	25%	10,000	-
	2.5 to <5	473,219	84,162	82%	510,976	3.55%	23%	-	135,438	27%	4,090	-
	5 to <10	434,867	67,912	83%	465,785	6.82%	19%	-	106,202	23%	5,910	-
	10.00 to <100.00	180,665	17,520	87%	188,875	22.55%	19%	-	61,748	33%	7,932	-
	10 to <20	90,488	9,140	86%	94,497	14.89%	18%	-	27,393	29%	2,594	-
	20 to <30	42,356	3,278	87%	43,940	29.01%	19%	-	17,714	40%	2,434	-
	30.00 to <100.00	47,821	5,102	89%	50,438	31.27%	18%	-	16,641	33%	2,904	-
	100.00 (Default)	264,654	9,702	94%	269,249	100.00%	58%	-	120,685	45%	146,107	-
	Sub-total (Retail customers - other - SMEs)	6,187,418	884,684	85%	6,591,923	6.09%	20%	-	998,169	15%	171,099	-208,133
Retail customers - other - Non-SMEs												
	0.00 to <0.15	5,362,118	1,008,951	82%	5,975,682	0.07%	15%	-	184,947	3%	657	-
	0.00 to <0.10	5,071,443	761,578	82%	5,486,789	0.07%	14%	-	153,159	3%	533	-
	0.10 to <0.15	290,675	247,373	79%	468,893	0.12%	22%	-	31,687	6%	124	-
	0.15 to <0.25	1,018,874	232,416	83%	1,156,712	0.20%	14%	-	71,822	6%	334	-
	0.25 to <0.50	1,235,630	135,687	84%	1,315,735	0.35%	15%	-	122,376	9%	686	-
	0.50 to <0.75	228,955	80,832	80%	289,008	0.54%	21%	-	49,409	17%	334	-
	0.75 to <2.50	824,316	394,032	82%	1,033,957	1.58%	15%	-	198,331	19%	2,530	-
	0.75 to <1.75	443,279	191,613	83%	562,082	1.09%	15%	-	94,355	17%	929	-
	1.75 to <2.5	381,036	202,419	82%	481,875	2.15%	15%	-	103,976	22%	1,601	-
	2.50 to <10.00	240,032	84,123	85%	285,203	4.83%	17%	-	75,399	26%	2,355	-
	2.5 to <5	129,349	24,543	85%	145,447	3.60%	18%	-	39,112	27%	938	-
	5 to <10	110,663	59,580	85%	139,757	6.11%	17%	-	36,286	26%	1,417	-
	10.00 to <100.00	69,777	8,336	88%	74,577	18.04%	21%	-	34,386	46%	2,693	-
	10 to <20	22,175	3,422	81%	24,330	11.65%	25%	-	11,341	47%	682	-
	20 to <30	47,163	4,732	90%	49,726	20.88%	19%	-	22,799	45%	1,970	-
	30.00 to <100.00	438	182	94%	521	45.87%	17%	-	246	47%	40	-
	100.00 (Default)	78,209	1,281	97%	76,974	100.00%	54%	-	18,571	24%	40,185	-
	Sub-total (Retail customers - other - Non-SMEs)	9,055,912	1,945,658	84%	10,207,948	1.30%	15%	-	755,139	7%	49,773	-52,011
Total		65,937,415	11,149,483	89%	71,802,896	2.60%	23%	2.5	16,661,760	23%	761,662	-327,086

Additional quantitative information

Table 21 (EU CR8): RWEA flow statements of credit risk exposures under the IRB approach

In € thousands	Risk weighted exposure amount
Risk weighted exposure amount as at the end of the previous reporting period	16,634,936
Asset size (+/-)	38,273
Asset quality (+/-)	-11,441
Model updates (+/-)	-
Methodology and policy (+/-)	-
Acquisitions and disposals (+/-)	-
Foreign exchange movements (+/-)	-
Other (+/-)	-
Risk weighted exposure amount as at the end of the reporting period	16,661,768

Table 22 (EU CR10.1): Specialised lending - Project finance (Slotting approach)

Regulatory categories In € thousands	Remaining maturity	On-balancesheet exposure	Off-balancesheet exposure	Risk weight	Exposure value	Risk weighted exposure amount	Expected loss amount
Category 1	Less than 2.5 years	32,823	19,829	50%	47,695	24,849	-
	Equal to or more than 2.5 years	235,941	133,675	70%	336,198	245,222	1,345
Category 2	Less than 2.5 years	-	-	70%	-	-	-
	Equal to or more than 2.5 years	-	13,750	90%	10,313	9,671	83
Category 3	Less than 2.5 years	-	-	115%	-	-	-
	Equal to or more than 2.5 years	-	-	115%	-	-	-
Category 4	Less than 2.5 years	-	-	250%	-	-	-
	Equal to or more than 2.5 years	-	-	250%	-	-	-
Category 5	Less than 2.5 years	-	-	-	-	-	-
	Equal to or more than 2.5 years	-	-	-	-	-	-
Total	Less than 2.5 years	32,823	19,829		47,695	24,849	-
	Equal to or more than 2.5 years	235,941	147,425		346,510	254,894	1,427

Table 23 (EU CR10.2): Specialised lending - Income-producing real estate and high volatility commercial real estate (Slotting approach)

Regulatory categories In € thousands	Remaining maturity	On-balancesheet exposure	Off-balancesheet exposure	Risk weight	Exposure value	Risk weighted exposure amount	Expected loss amount
Category 1	Less than 2.5 years	5,790	-	50%	5,790	3,017	-
	Equal to or more than 2.5 years	51,258	5,207	70%	55,163	40,236	221
Category 2	Less than 2.5 years	-	-	70%	-	-	-
	Equal to or more than 2.5 years	-	-	90%	-	-	-
Category 3	Less than 2.5 years	-	-	115%	-	-	-
	Equal to or more than 2.5 years	-	-	115%	-	-	-
Category 4	Less than 2.5 years	-	-	250%	-	-	-
	Equal to or more than 2.5 years	-	-	250%	-	-	-
Category 5	Less than 2.5 years	-	-	-	-	-	-
	Equal to or more than 2.5 years	-	-	-	-	-	-
Total	Less than 2.5 years	5,790	-		5,790	3,017	-
	Equal to or more than 2.5 years	51,258	5,207		55,163	40,236	221

Table 24 (EU CR10.3): Specialised lending - Object finance (Slotting approach)

Regulatory categories In € thousands	Remaining maturity	On-balancesheet exposure	Off-balancesheet exposure	Risk weight	Exposure value	Risk weighted exposure amount	Expected loss amount
Category 1	Less than 2.5 years	-	-	50%	-	-	-
	Equal to or more than 2.5 years	-	-	70%	-	-	-
Category 2	Less than 2.5 years	-	-	70%	-	-	-
	Equal to or more than 2.5 years	-	-	90%	-	-	-
Category 3	Less than 2.5 years	-	-	115%	-	-	-
	Equal to or more than 2.5 years	-	-	115%	-	-	-
Category 4	Less than 2.5 years	-	-	250%	-	-	-
	Equal to or more than 2.5 years	-	-	250%	-	-	-
Category 5	Less than 2.5 years	-	-	-	-	-	-
	Equal to or more than 2.5 years	-	-	-	-	-	-
Total	Less than 2.5 years	-	-		-	-	-
	Equal to or more than 2.5 years	-	-		-	-	-

Table 25 (EU CR10.4): Specialised lending - Commodities finance (Slotting approach)

Regulatory categories In € thousands	Remaining maturity	On-balancesheet exposure	Off-balancesheet exposure	Risk weight	Exposure value	Risk weighted exposure amount	Expected loss amount
Category 1	Less than 2.5 years	-	-	50%	-	-	-
	Equal to or more than 2.5 years	-	-	70%	-	-	-
Category 2	Less than 2.5 years	-	-	70%	-	-	-
	Equal to or more than 2.5 years	-	-	90%	-	-	-
Category 3	Less than 2.5 years	-	-	115%	-	-	-
	Equal to or more than 2.5 years	-	-	115%	-	-	-
Category 4	Less than 2.5 years	-	-	250%	-	-	-
	Equal to or more than 2.5 years	-	-	250%	-	-	-
Category 5	Less than 2.5 years	-	-	-	-	-	-
	Equal to or more than 2.5 years	-	-	-	-	-	-
Total	Less than 2.5 years	-	-	-	-	-	-
	Equal to or more than 2.5 years	-	-	-	-	-	-

Table 26 (EU CR10.5): Equity exposures under the simple risk-weighted approach

Categories In € thousands	On-balancesheet exposure	Off-balancesheet exposure	Risk weight	Exposure value	Risk weighted exposure amount	Expected loss amount
Private equity exposures	788,240	145,309	190%	933,550	1,773,744	7,468
Exchange-traded equity exposures	251,523	-	290%	251,523	729,416	2,012
Other equity exposures	2,599,326	-	370%	2,599,326	9,617,507	62,384
Total	3,639,089	145,309		3,784,399	12,120,667	71,864

4. Counterparty credit risk

Counterparty credit risk corresponds to the risk incurred on:

- derivative instruments in the banking book and the trading book;
- repo transactions in the banking book.

The outstandings in question are included in the credit risk management reports (in the same way as on-balance sheet and off-balance sheet outstandings). The sum of the exposures and risks for all outstandings (balance sheet, off-balance sheet, derivatives and repurchase agreements) gives an overall view of credit risks. For the Crédit Mutuel Arkéa group, counterparty credit risk is a small component of overall credit risk.

Table 27 (EU CCR1): Analysis of CCR exposure by approach

In € thousands	Replacement cost (RC)	Potential future exposure (PFE)	EEPE	Alpha used for computing regulatory exposure value	Exposure value pre-CRM	Exposure value post-CRM	Exposure value	RWEA
EU - Original Exposure Method (for derivatives)	-	-		1.4	-	-	-	-
EU - Simplified SA-CCR (for derivatives)	-	-		1.4	-	-	-	-
SA-CCR (for derivatives)	354,780	291,118		1.4	904,259	904,259	904,259	408,144
IMM (for derivatives and SFTs)			-	-	-	-	-	-
Of which securities financing transactions netting sets			-		-	-	-	-
Of which derivatives and long settlement transactions netting sets			-		-	-	-	-
Of which from contractual cross-product netting sets			-		-	-	-	-
Financial collateral simple method (for SFTs)					-	-	-	-
Financial collateral comprehensive method (for SFTs)					3,699,296	3,699,296	3,699,296	154,406
VaR for SFTs					-	-	-	-
Total					4,603,554	4,603,554	4,603,555	562,550

Table 28 (EU CCR2): Transactions subject to own funds requirements for CVA risk

In € thousands	Exposure value	RWEA
Total transactions subject to the Advanced method	-	-
(i) VaR component (including the 3× multiplier)		-
(ii) stressed VaR component (including the 3× multiplier)		-
Transactions subject to the Standardised method	142,628	86,363
Transactions subject to the Alternative approach (Based on the Original Exposure Method)	-	-
Total transactions subject to own funds requirements for CVA risk	142,628	86,363

Table 29 (EU CCR3): Standardised approach - CCR exposures by regulatory exposure class and risk weights

Exposure classes In € thousands	Risk weight											Total exposure value
	0%	2%	4%	10%	20%	50%	70%	75%	100%	150%	Others	
Central governments or central banks	-	-	-	-	-	-	-	-	-	-	-	-
Regional government or local authorities	-	-	-	-	149,520	-	-	-	-	-	-	149,520
Public sector entities	84,375	-	-	-	1,723	-	-	-	-	-	-	86,099
Multilateral development banks	-	-	-	-	-	-	-	-	-	-	-	-
International organisations	-	-	-	-	-	-	-	-	-	-	-	-
Institutions	-	152,828	-	-	-	-	-	-	-	-	-	152,828
Corporates	-	-	-	-	-	-	-	-	-	-	-	-
Retail	-	-	-	-	-	-	-	-	-	-	-	-
Institutions and corporates with a short-term credit assessment	-	-	-	-	-	-	-	-	-	-	-	-
Other items	-	-	-	-	-	-	-	-	-	-	-	-
Total exposure value	84,375	152,828	-	-	151,243	-	-	-	-	-	-	388,447

Table 30 (EU CCR4): IRB approach - CCR exposures by exposure class and PD scale

In € thousands	PD scale	Exposure value	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	R/VEA	Density of risk weighted exposure amounts
Credit institution							
	0.00 to <0.15	3,825,287	0.05%	26%	2.5	185,097	-
	0.15 to <0.25	7,138	0.23%	34%	2.5	3,761	-
	0.25 to <0.50	8,106	0.44%	42%	2.5	7,230	-
	0.50 to <0.75	-	-	-	-	-	-
	0.75 to <2.50	-	-	-	-	-	-
	2.50 to <10.00	-	-	-	-	-	-
	10.00 to <100.00	-	-	-	-	-	-
	100.00 (Default)	-	-	-	-	-	-
	Sub-total (Credit institution)	3,840,530	0.05%	26%	2.5	196,087	5%
Corporates							
	0.00 to <0.15	77,770	0.11%	70%	2.5	38,598	-
	0.15 to <0.25	-	-	-	-	-	-
	0.25 to <0.50	54,389	0.35%	83%	2.5	65,181	-
	0.50 to <0.75	56,145	0.64%	45%	2.5	39,939	-
	0.75 to <2.50	70,881	1.49%	42%	2.5	64,361	-
	2.50 to <10.00	105,545	3.49%	43%	2.5	118,592	-
	10.00 to <100.00	2,274	24.71%	45%	2.5	4,804	-
	100.00 (Default)	4,448	100.00%	75%	2.5	-	-
	Sub-total (Corporates)	371,453	2.80%	55%	2.5	331,475	89%
Corporates - of which: SMEs							
	0.00 to <0.15	-	-	-	-	-	-
	0.15 to <0.25	-	-	-	-	-	-
	0.25 to <0.50	-	-	-	-	-	-
	0.50 to <0.75	28,677	0.64%	45%	2.5	16,720	-
	0.75 to <2.50	27,524	1.88%	45%	2.5	22,239	-
	2.50 to <10.00	62,227	3.21%	45%	2.5	60,278	-
	10.00 to <100.00	1,956	26.35%	45%	2.5	4,073	-
	100.00 (Default)	1,793	100.00%	75%	2.5	-	-
	Sub-total (Corporates - of which: SMEs)	122,176	4.05%	45%	2.5	103,311	85%
Retail customers							
	0.00 to <0.15	150	0.09%	45%	-	16	-
	0.15 to <0.25	20	0.24%	45%	-	4	-
	0.25 to <0.50	46	0.28%	45%	-	10	-
	0.50 to <0.75	284	0.58%	45%	-	84	-
	0.75 to <2.50	2,028	1.48%	45%	-	1,106	-
	2.50 to <10.00	361	6.06%	45%	-	206	-
	10.00 to <100.00	236	20.70%	45%	-	256	-
	100.00 (Default)	-	-	-	-	-	-
	Sub-total (Retail customers)	3,125	3.28%	45%	-	1,682	54%

PD scale	Exposure value	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	RWEA	Density of risk weighted exposure amounts
In € thousands						
Sub-total (Retail customers)	3,125	3.29%	45%	-	1,682	54%
Retail customers - of wich: secured by mortgages on immovable property						
0.00 to <0.15	-	-	-	-	-	-
0.15 to <0.25	-	-	-	-	-	-
0.25 to <0.50	-	-	-	-	-	-
0.50 to <0.75	-	-	-	-	-	-
0.75 to <2.50	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-
Sub-total (Retail customers - of wich: secured by mortgages on immovable property)	-	-	-	-	-	-
Retail customers - of wich: secured by mortgages on immovable property - SMEs						
0.00 to <0.15	-	-	-	-	-	-
0.15 to <0.25	-	-	-	-	-	-
0.25 to <0.50	-	-	-	-	-	-
0.50 to <0.75	-	-	-	-	-	-
0.75 to <2.50	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-
Sub-total (Retail customers - of wich: secured by mortgages on immovable property - SMEs)	-	-	-	-	-	-
Retail customers - of wich: secured by mortgages on immovable property - Non-SMEs						
0.00 to <0.15	-	-	-	-	-	-
0.15 to <0.25	-	-	-	-	-	-
0.25 to <0.50	-	-	-	-	-	-
0.50 to <0.75	-	-	-	-	-	-
0.75 to <2.50	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-
Sub-total (Retail customers - secured by mortgages on immovable property - Non-SMEs)	-	-	-	-	-	-
Retail customers - revolving						
0.00 to <0.15	-	-	-	-	-	-
0.15 to <0.25	-	-	-	-	-	-
0.25 to <0.50	-	-	-	-	-	-
0.50 to <0.75	-	-	-	-	-	-
0.75 to <2.50	-	-	-	-	-	-
2.50 to <10.00	-	-	-	-	-	-
10.00 to <100.00	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-
Sub-total (Retail customers - revolving)	-	-	-	-	-	-
Retail customers - other						
0.00 to <0.15	150	0.09%	45%	-	16	-
0.15 to <0.25	20	0.24%	45%	-	4	-
0.25 to <0.50	46	0.28%	45%	-	10	-
0.50 to <0.75	284	0.58%	45%	-	84	-
0.75 to <2.50	2,028	1.48%	45%	-	1,106	-
2.50 to <10.00	361	6.06%	45%	-	206	-
10.00 to <100.00	236	20.70%	45%	-	256	-
100.00 (Default)	-	-	-	-	-	-
Sub-total (Retail customers - other)	3,125	3.29%	45%	-	1,682	54%
Retail customers - other - SMEs						
0.00 to <0.15	-	-	-	-	-	-
0.15 to <0.25	-	-	-	-	-	-
0.25 to <0.50	28	0.27%	45%	-	5	-
0.50 to <0.75	284	0.58%	45%	-	84	-
0.75 to <2.50	190	1.37%	45%	-	81	-
2.50 to <10.00	361	6.06%	45%	-	206	-
10.00 to <100.00	-	-	-	-	-	-
100.00 (Default)	-	-	-	-	-	-
Sub-total (Retail customers - other - SMEs)	862	3.04%	45%	-	376	44%

	PD scale	Exposure value	Exposure weighted average PD (%)	Exposure weighted average LGD (%)	Exposure weighted average maturity (years)	RWEA	Density of risk weighted exposure amounts
In € thousands							
Retail customers - other - Non-SMEs							
	0.00 to <0.15	150	0.09%	45%	-	16	-
	0.15 to <0.25	20	0.24%	45%	-	4	-
	0.25 to <0.50	18	0.29%	45%	-	4	-
	0.50 to <0.75	-	-	-	-	-	-
	0.75 to <2.50	1,838	1.49%	45%	-	1,025	-
	2.50 to <10.00	-	-	-	-	-	-
	10.00 to <100.00	236	20.70%	45%	-	256	-
	100.00 (Default)	-	-	-	-	-	-
	Sub-total (Retail customers - other - Non-SMEs)	2,262	3.38%	45%	-	1,307	58%
Total		4,215,108	0.29%	28%	2.5	529,244	13%

Table 31 (EU CCR6): Credit derivatives exposures

In € thousands	Protection bought	Protection sold
Notionals		
Single-name credit default swaps	-	-
Index credit default swaps	-	-
Total return swaps	-	-
Credit options	-	-
Other credit derivatives	-	-
Total notionals	-	-
Fair values		
Positive fair value (asset)	-	-
Negative fair value (liability)	-	-

Table 32 (EU CCR7): RWEA flow statements of CCR exposures under the IMM

	RWEA
In € thousands	
RWEA as at the end of the previous reporting period	-
Asset size	-
Credit quality of counterparties	-
Model updates (IMM only)	-
Methodology and policy (IMM only)	-
Acquisitions and disposals	-
Foreign exchange movements	-
Other	-
RWEA as at the end of the current reporting period	-

Table 33 (EU CCR8): Exposures to CCPs

In € thousands	Exposure value	RWEA
Exposures to QCCPs (total)		3,057
Exposures for trades at QCCPs (excluding initial margin and default fund contributions); of which	152,828	3,057
(i) OTC derivatives	152,828	3,057
(ii) Exchange-traded derivatives	-	-
(iii) SFTs	-	-
(iv) Netting sets where cross-product netting has been approved	-	-
Segregated initial margin	60,164	
Non-segregated initial margin	-	-
Prefunded default fund contributions	-	-
Unfunded default fund contributions	-	-
Exposures to non-QCCPs (total)		-
Exposures for trades at non-QCCPs (excluding initial margin and default fund contributions); of which	-	-
(i) OTC derivatives	-	-
(ii) Exchange-traded derivatives	-	-
(iii) SFTs	-	-
(iv) Netting sets where cross-product netting has been approved	-	-
Segregated initial margin	-	
Non-segregated initial margin	-	-
Prefunded default fund contributions	-	-
Unfunded default fund contributions	-	-

5. Credit risk mitigation techniques

Financial, personal and real collateral can be used directly to reduce the calculation of credit risk-related capital requirements that help to determine the calculation of the Group's solvency ratio. The use of collateral in risk mitigation techniques is, however, subject to compliance with eligibility conditions and minimum requirements imposed by regulations.

Table 34 (EU CR3): CRM techniques overview - Disclosure of the use of credit risk mitigation techniques

In € thousands	Unsecured carrying amount		Secured carrying amount		
			Of which secured by collateral	Of which secured by financial guarantees	Of which secured by credit derivatives
Loans and advances	53,099,175	48,667,250	34,866,197	13,801,053	-
Debt securities	10,791,133	-	-	-	-
Total	63,890,308	48,667,250	34,866,197	13,801,053	-
Of which non-performing exposures	1,460,829	522,880	496,660	26,220	-
Of which defaulted	1,460,829	-	-	-	-

Table 35 (EU CR4): Standardised approach - Credit risk exposure and CRM effects

Exposure classes In € thousands	Exposures before CCF and before CRM		Exposures post CCF and post CRM		RWAs and RWAs density	
	On-balance-sheet exposures	Off-balance-sheet exposures	On-balance-sheet exposures	Off-balance-sheet exposures	RWAs	RWAs density (%)
Central governments or central banks	16,444,831	-	16,444,831	-	184,175	1%
Regional government or local authorities	5,195,801	1,198,434	5,195,801	40,817	1,077,228	21%
Public sector entities	10,461,221	395,953	10,461,221	13,369	66,466	1%
Multilateral development banks	197,647	-	197,647	-	-	0%
International organisations	47,824	-	47,824	-	-	0%
Institutions	272,253	-	272,253	-	21,685	8%
Corporates	193,245	115,710	193,245	57,855	205,268	82%
Retail	3,298,168	358,576	3,298,168	108,913	2,555,310	75%
Secured by mortgages on immovable property	5,678,593	291,677	5,678,593	54,628	2,349,831	41%
Exposures in default	260,773	913	260,773	4	271,960	104%
Exposures associated with particularly high risk	-	-	-	-	-	0%
Covered bonds	19,130	-	19,130	-	1,913	10%
Institutions and corporates with a short-term credit assessment	-	-	-	-	-	0%
Collective investment undertakings	8,090	1,413,707	8,090	282,912	176,389	61%
Equity	22,057	-	22,057	-	50,101	227%
Other items	733,413	-	733,413	-	733,413	100%
TOTAL	42,833,046	3,774,970	42,833,046	558,498	7,693,739	18%

Outstandings measured using the standardized approach mainly concern:

- the categories comprising central and local governments and similar entities;
- mortgage lending by specialized subsidiaries.

This type of counterparty or lending benefits from preferential weighting. There is no additional impact from the use of risk mitigation (CRM) techniques.

Table 36 (EU CR7-A): IRB approach - Disclosure of the extent of the use of CRM techniques

A-IRB In € thousands	Total exposures	Credit risk Mitigation techniques				
		Funded credit Protection (FCP)				
		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 (%)
Central governments and central banks	-	-	-	-	-	-
Institutions	14,217,639	17.38%	-	-	-	-
Corporates	22,353,130	-	-	-	-	-
<i>Of which Corporates – SMEs</i>	8,602,456	-	-	-	-	-
<i>Of which Corporates – Specialised lending</i>	-	-	-	-	-	-
<i>Of which Corporates – Other</i>	13,750,674	-	-	-	-	-
Retail	39,447,235	-	-	-	-	-
<i>Of which Retail – Immovable property SMEs</i>	2,784,897	-	-	-	-	-
<i>Of which Retail – Immovable property non-SMEs</i>	19,746,862	-	-	-	-	-
<i>Of which Retail – Qualifying revolving</i>	112,580	-	-	-	-	-
<i>Of which Retail – Other SMEs</i>	6,592,786	-	-	-	-	-
<i>Of which Retail – Other non-SMEs</i>	10,210,110	-	-	-	-	-
Total	76,018,004	3.25%	-	-	-	-

A-IRB In € thousands	Credit risk Mitigation techniques					Credit risk Mitigation methods in the calculation of RWEAs	
	Funded credit Protection (FCP)				Unfunded credit Protection (LFCP)	RWEA without substitution effects (reduction effects only)	RWEA with substitution effects (both reduction and substitution effects)
	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 (%)		
Central governments and central banks	-	-	-	-	-	-	-
Institutions	-	-	-	-	-	-	1,040,688
Corporates	-	-	-	-	-	-	12,742,277
<i>Of which Corporates – SMEs</i>	-	-	-	-	-	-	3,343,446
<i>Of which Corporates – Specialised lending</i>	-	-	-	-	-	-	-
<i>Of which Corporates – Other</i>	-	-	-	-	-	-	9,398,831
Retail	-	-	-	-	-	-	3,408,040
<i>Of which Retail – Immovable property SMEs</i>	-	-	-	-	-	-	441,946
<i>Of which Retail – Immovable property non-SMEs</i>	-	-	-	-	-	-	1,196,532
<i>Of which Retail – Qualifying revolving</i>	-	-	-	-	-	-	14,571
<i>Of which Retail – Other SMEs</i>	-	-	-	-	-	-	998,545
<i>Of which Retail – Other non-SMEs</i>	-	-	-	-	-	-	756,446
Total	-	-	-	-	-	-	17,191,005

The Crédit Mutuel Arkéa group applies the advanced internal ratings-based method to most of its customer loans. As a result, collateral is mainly taken into account in the modeling of loss given default.

Table 37 (EU CR7): IRB approach – Effect on the RWEAs of credit derivatives used as CRM techniques

In € thousands	Pre-credit derivatives risk weighted exposure amount	Actual risk weighted exposure amount
Exposures under F-IRB		
Central governments and central banks		
Institutions		
Corporates		
<i>of which Corporates - SMEs</i>		
<i>of which Corporates - Specialised lending</i>		
Exposures under A-IRB		
Central governments and central banks		
Institutions		
Corporates		
<i>of which Corporates - SMEs</i>		
<i>of which Corporates - Specialised lending</i>		
Retail		
<i>of which Retail – SMEs - Secured by immovable property collateral</i>		
<i>of which Retail – non-SMEs - Secured by immovable property collateral</i>		
<i>of which Retail – Qualifying revolving</i>		
<i>of which Retail – SMEs - Other</i>		
<i>of which Retail – Non-SMEs- Other</i>		
TOTAL (including F-IRB exposures and A-IRB exposures)		

The Crédit Mutuel Arkéa group does not underwrite credit derivatives.

Table 38 (EU CCR5): Composition of collateral for CCR exposures

In € thousands	Collateral used in derivative transactions				Collateral used in SFTs			
	Fair value of collateral received		Fair value of posted collateral		Fair value of collateral received		Fair value of posted collateral	
	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated	Segregated	Unsegregated
Cash – domestic currency	-	186,825	314,859	234,510	-	9,471	-	3,576
Cash – other currencies	-	-	-	-	-	-	-	-
Domestic sovereign debt	-	-	-	-	-	642,993	-	328,718
Other sovereign debt	-	-	-	-	-	73,085	-	116,971
Government agency debt	-	-	-	-	-	-	-	483,133
Corporate bonds	-	-	-	-	-	2,110,486	-	1,121,057
Equity securities	-	-	-	-	-	-	-	-
Other collateral	-	-	-	-	-	-	-	-
Total	-	186,825	314,859	234,510	-	2,836,035	-	2,053,455

6. Securitization

At the end of June 2021, Crédit Mutuel Arkéa group did not invest in any securitization position.

Table 39 (EU SEC1): Securitisation exposures in the non-trading book

In € thousands	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	of which SRT	of which SRT		STS	Non-STS			STS	Non-STS		
	of which SRT	of which SRT											
Total exposures	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail (total)	-	-	-	-	-	-	-	-	-	-	-	-	-
residential mortgage	-	-	-	-	-	-	-	-	-	-	-	-	-
credit card	-	-	-	-	-	-	-	-	-	-	-	-	-
other retail exposures	-	-	-	-	-	-	-	-	-	-	-	-	-
re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale (total)	-	-	-	-	-	-	-	-	-	-	-	-	-
loans to corporates	-	-	-	-	-	-	-	-	-	-	-	-	-
commercial mortgage	-	-	-	-	-	-	-	-	-	-	-	-	-
lease and receivables	-	-	-	-	-	-	-	-	-	-	-	-	-
other wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-
re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 40 (EU SEC2): Securitisation exposures in the trading book

In € thousands	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		
Total exposures	-	-	-	-	-	-	-	-	-	-	-	-
Retail (total)	-	-	-	-	-	-	-	-	-	-	-	-
residential mortgage	-	-	-	-	-	-	-	-	-	-	-	-
credit card	-	-	-	-	-	-	-	-	-	-	-	-
other retail exposures	-	-	-	-	-	-	-	-	-	-	-	-
re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale (total)	-	-	-	-	-	-	-	-	-	-	-	-
loans to corporates	-	-	-	-	-	-	-	-	-	-	-	-
commercial mortgage	-	-	-	-	-	-	-	-	-	-	-	-
lease and receivables	-	-	-	-	-	-	-	-	-	-	-	-
other wholesale	-	-	-	-	-	-	-	-	-	-	-	-
re-securitisation	-	-	-	-	-	-	-	-	-	-	-	-

Table 41 (EU SEC3): Securitisation exposures in the non-trading book and associated regulatory capital requirements - institution acting as originator or as sponsor

In € thousands	Exposure values (by RW bands/deductions)					Exposure values (by regulatory approach)			
	≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250% RW/ deductions
Total exposures	-	-	-	-	-	-	-	-	-
Traditional transactions	-	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-	-
Retail	-	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-	-
Synthetic transactions	-	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-	-
Retail underlying	-	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-	-

In € thousands	RWEA (by regulatory approach)				Capital charge after cap			
	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250% RW/ deductions
Total exposures	-	-	-	-	-	-	-	-
Traditional transactions	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-
Retail	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-
Synthetic transactions	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-
Retail underlying	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-

Table 42 (EU SEC4): Securitisation exposures in the non-trading book and associated regulatory capital requirements - institution acting as investor

In € thousands	Exposure values (by RW bands/deductions)					Exposure values (by regulatory approach)			
	≤20% RW	>20% to 50% RW	>50% to 100% RW	>100% to <1250% RW	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250% RW/ deductions
Total exposures	-	-	-	-	-	-	-	-	-
Traditional securitisation	-	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-	-
Retail underlying	-	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-	-
Synthetic securitisation	-	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-	-
Retail underlying	-	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-	-

In € thousands	RWEA (by regulatory approach)				Capital charge after cap			
	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250% RW/ deductions	SEC-IRBA	SEC-ERBA (including IAA)	SEC-SA	1250% RW/ deductions
Total exposures	-	-	-	-	-	-	-	-
Traditional securitisation	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-
Retail underlying	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-
Of which STS	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-
Synthetic securitisation	-	-	-	-	-	-	-	-
Securitisation	-	-	-	-	-	-	-	-
Retail underlying	-	-	-	-	-	-	-	-
Wholesale	-	-	-	-	-	-	-	-
Re-securitisation	-	-	-	-	-	-	-	-

Table 43 (EU SEC5): Exposures securitised by the institution - Exposures in default and specific credit risk adjustments

Exposures securitised by the institution - Institution acts as originator or as sponsor			
In € thousands	Total outstanding nominal amount		Total amount of specific credit risk adjustments made during the period
		Of which exposures in default	
Total exposures	-	-	-
Retail (total)	-	-	-
Residential mortgage	-	-	-
Credit card	-	-	-
Other retail exposures	-	-	-
Re-securitisation	-	-	-
Wholesale (total)	-	-	-
Loans to corporates	-	-	-
Commercial mortgage	-	-	-
Lease and receivables	-	-	-
Other wholesale	-	-	-
Re-securitisation	-	-	-

7. Market risk

The Crédit Mutuel Arkéa group calculates its market risk capital requirements using the standardized approach.

Table 44 (EU MR1): Market risk under the standardised approach

At the end of June 2021, there is no market risk.

In € thousands	RWEA
Outright products	
Interest rate risk (general and specific)	-
Equity risk (general and specific)	-
Foreign exchange risk	-
Commodity risk	-
Options	
Simplified approach	-
Delta-plus approach	-
Scenario approach	-
Securitisation (specific risk)	-
Total	

8. Banking book interest rate risk

Interest rate risk is the risk, present or future, to which the bank's shareholders' equity and profits are exposed as a result of unfavourable movements in interest rates. It can result from a difference in maturity between fixed-rate assets and liabilities, a difference in the reference index (base risk) or the exercise of options (such as caps and floors or early repayment of loans).

Table 45: Interest rate risks of non-trading book activities

In € thousands	Δ EVE		Δ NII	
Period	06.30.2021	03.31.2021	06.30.2021	03.31.2021
Parallel up (+200 bps)	219,919	545,233	-3,377	45,692
Parallel down (-200 bps)	-194,844	-67,937	30,432	-34,956
Steepener	238,924	424,961		
Flattener	-234,254	-48,066		
Short rate up	-51,223	197,915		
Short rate down	77,631	235,228		
Period	06.30.2021		03.31.2021	
Tier 1 capital	6,827,720		6,799,302	

9. Liquidity risk

Liquidity risk is the risk for the reporting company that it will not be able to meet its commitments or that it will not be able to unwind or offset a position due to its situation or the market situation within a certain period of time and at a reasonable cost. It arises from a maturity mismatch between jobs and resources.

It may result in an additional charge in the event of a rise in liquidity spreads; in its most extreme form, it could result in the institution's inability to honour its commitments.

The Group has historically been vigilant and prudent in the face of this risk.

Several liquidity ratios are particularly monitored:

- the LCR is a liquidity ratio provided for by the CRD 4 and CRR texts (transposing the so-called "Basel III" proposals into European standards). It measures the ratio between liquid assets and net cash outflows at 30 days under a stress scenario. The minimum required level has been set at 100% since 2018;
- the NSFR (Net Stable Funding Ratio) is also a liquidity ratio provided for in the CRD 5 and CRR2 texts. It verifies the coverage of stable uses by stable resources. The minimum level required is 100%, as from June 2021.

Table 46 (EU LIQ1): Quantitative information of LCR

In accordance with the CRR, the Crédit Mutuel Arkéa group produces, and submits monthly to the ECB, a report on its short-term liquidity coverage ratio (hereinafter "**LCR**").

The purpose of the LCR is to ensure the short-term resilience of banks in the face of severe liquidity stress. It verifies that the level of highly-liquid assets is sufficient to cover the net cash flows over the next 30 days, under stress assumptions involving, in particular, deposit flight and the drawing down of amounts under off-balance sheet agreements.

The minimum level required for the LCR was set at 100% in 2021. The Group met the regulatory requirement throughout the first semester of 2021 with significant room for maneuver. At the end of June 2021, the Group's consolidated LCR was 160%. The average annual level from July 2020 to June 2021 was 152% as shown in the table below.

In addition to the LCR, European regulations provide for a long-term structural liquidity ratio called the NSFR. The NSFR is designed to encourage credit institutions to have a permanent structure of stable resources, enabling them to continue operating over a period of one year in an environment of prolonged stress. As from June 2021, CRR2 has introduced a minimum level for the NSFR which is 100% and revised methods for its calculation. The Group met the regulatory requirement; at the end of June 2021, the ratio was 114%.

In € thousands	Total unweighted value (average)				Total weighted value (average)			
Number of data points used in the calculation of averages: 12	06.30.2021	03.31.2021	12.31.2020	09.30.2020	06.30.2021	03.31.2021	12.31.2020	09.30.2020
HIGH-QUALITY LIQUID ASSETS								
Total high-quality liquid assets (HQLA)					19,933,307	19,084,304	16,973,980	15,294,883
CASH - OUTFLOWS								
Retail deposits and deposits from small business customers, of which:	41,836,921	40,927,078	39,778,046	38,883,686	3,081,896	3,016,348	2,940,385	2,877,455
Stable deposits	24,079,541	23,563,808	22,903,945	22,509,351	1,203,977	1,178,190	1,145,197	1,125,468
Less stable deposits	17,541,913	17,146,844	16,704,397	16,252,569	1,862,781	1,822,028	1,776,230	1,728,688
Unsecured wholesale funding	21,380,502	20,723,981	19,606,681	18,651,312	10,938,126	10,705,202	9,940,071	9,397,161
Operational deposits (all counterparties) and deposits in networks of cooperative banks	375,443	-	-	-	66,855	-	-	-
Non-operational deposits (all counterparties)	20,419,402	20,172,389	19,291,569	18,403,145	10,285,613	10,153,610	9,624,959	9,148,994
Unsecured debt	585,657	551,592	315,112	248,167	585,657	551,592	315,112	248,167
Secured wholesale funding					112,361	111,218	103,145	80,533
Additional requirements	9,586,924	9,391,095	9,422,121	9,467,603	1,305,049	1,234,116	1,184,836	1,171,086
Outflows related to derivative exposures and other collateral requirements	97,405	97,585	95,102	94,601	97,405	97,585	95,102	94,601
Outflows related to loss of funding on debt products	-	-	-	-	-	-	-	-
Credit and liquidity facilities	9,489,519	9,293,510	9,327,019	9,373,001	1,207,644	1,136,531	1,089,735	1,076,485
Other contractual funding obligations	581,333	508,840	444,658	402,687	581,333	508,840	444,658	402,687
Other contingent funding obligations	870,217	843,539	629,511	419,764	128,997	119,026	87,721	54,363
TOTAL CASH OUTFLOWS					16,147,762	15,694,751	14,700,817	13,963,284
CASH - INFLOWS								
Secured lending (e.g. reverse repos)	263,141	193,390	252,876	328,223	66,931	47,288	41,737	38,350
Inflows from fully performing exposures	2,442,502	2,410,936	2,451,942	2,529,321	1,941,140	1,962,131	2,004,547	2,090,561
Other cash inflows	949,204	1,118,941	1,489,996	1,710,980	949,204	1,202,274	1,573,329	1,794,313
(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)					-	-	-	-
(Excess inflows from a related specialised credit institution)					-	-	-	-
TOTAL CASH INFLOWS	3,654,846	3,723,268	4,194,813	4,568,524	2,957,275	3,211,693	3,619,614	3,923,225
Fully exempt inflows	-	83,333	83,333	83,333	-	83,333	83,333	83,333
Inflows subject to 90% cap	-	-	-	-	-	-	-	-
Inflows subject to 75% cap	3,654,846	3,723,268	4,194,813	4,568,524	2,957,275	3,128,360	3,536,281	3,839,891
TOTAL ADJUSTED VALUE								
LIQUIDITY BUFFER					19,933,307	19,084,304	16,973,980	15,294,883
TOTAL NET CASH OUTFLOWS					13,190,487	12,483,058	11,081,203	10,040,060
LIQUIDITY COVERAGE RATIO					152%	154%	152%	152%

The Crédit Mutuel Arkéa group calculates the LCR in accordance with the Commission implementing regulation (EU) 2021/637.

Table 47 (EU LIQ2): Net Stable Funding Ratio

	Unweighted value by residual maturity				Weighted value
In € thousands	No maturity	< 6 months	6 months to < 1yr	≥ 1yr	
Available stable funding (ASF) Items					
Capital items and instruments	7,556,205	-	-	2,445,657	10,001,862
Own funds	7,556,205	-	-	2,396,627	9,952,831
Other capital instruments		-	-	49,031	49,031
Retail deposits		36,333,825	-	-	33,630,300
Stable deposits		18,597,154	-	-	17,667,296
Less stable deposits		17,736,671	-	-	15,963,004
Wholesale funding:		32,834,231	1,218,854	25,960,060	37,247,720
Operational deposits		2,319,339	-	-	1,159,669
Other wholesale funding		30,514,892	1,218,854	25,960,060	36,088,051
Interdependent liabilities		8,059,391	-	-	-
Other liabilities:	-	3,866,980	-	700,442	700,442
NSFR derivative liabilities	-				
All other liabilities and capital instruments not included in the above categories		3,866,980	-	700,442	700,442
Total available stable funding (ASF)					81,580,325
Required stable funding (RSF) Items					
Total high-quality liquid assets (HQLA)					3,064,501
Assets encumbered for a residual maturity of one year or more in a cover pool		431,256	428,160	9,665,244	8,945,961
Deposits held at other financial institutions for operational purposes		-	-	-	-
Performing loans and securities:		11,387,286	4,729,749	50,692,858	51,397,748
Performing securities financing transactions with financial customers collateralised by Level 1 HQLA subject to 0% haircut		716,078	-	-	-
Performing securities financing transactions with financial customer collateralised by other assets and loans and advances to financial institutions		2,172,044	556,585	2,117,559	2,535,230
Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, and PSEs, of which:		7,335,100	3,246,054	47,250,042	46,541,254
With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk		417,223	237,535	4,636,764	4,915,103
Performing residential mortgages, of which:		464	1,239	23,836	-
With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk		-	-	-	-
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		1,163,599	925,871	1,301,422	2,321,265
Interdependent assets		8,059,391	-	-	-
Other assets:		563,670	-	7,780,442	7,865,555
Physical traded commodities				-	-
Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs		59,029			50,175
NSFR derivative assets		10,217			10,217
NSFR derivative liabilities before deduction of variation margin posted		494,423			24,721
All other assets not included in the above categories		-	-	7,780,442	7,780,442
Off-balance sheet items		10,013,632	-	31,623	532,304
Total RSF					71,806,069
Net Stable Funding Ratio (%)					114%

10. Appendices

The information considered as proprietary is: flows and stocks of losses broken-down by exposure class, industry and geography as well as flows of provisions of the period (article 442 e and f); the number of obligors broken-down by exposure class and PD range (article 452 h); and the flow modelling within the scope of interest rate risk management (article 448).

Decisions not to publish this information are taken in agreement with the Crédit Mutuel Arkéa group's management bodies.

Person responsible for the information contained in this document

Anne Le Goff, Associate Chief Executive Officer of Crédit Mutuel Arkéa

Declaration of the responsible person

I certify that the information contained in the Pillar 3 Report disclosing the information published under Part Eight of EU Regulation No. 575/2013 "CRR", as amended by the EU Regulation No. 2019/876 "CRR2", is, to the best of my knowledge, in accordance with the formal policies and internal processes, systems and controls.

Done at Le Relecq Kerhuon, September 22, 2021.

Anne Le Goff, Associate Chief Executive Officer of Crédit Mutuel Arkéa

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