Creditreform Covered Bond Rating

CaixaBank, S.A.

Mortgage Covered Bond Program

Creditreform Rating

Rating Object		Program ID	J5b7U
Country Issuer	Spain	Main collateral asset class	Mortgage
Main country of assets	Spain	Legal Framework	Spanish Law on Covered Bonds
Covered bonds type	Mortgage	Repayment method	Soft Bullet
Cut-off date Cover pool infomation:	31.03.2024	Publication date:	24.05.2024

Rating Overview

Rating Summary		*Key Credit Risk Metrics*	
Issuer	CaixaBank, S.A.	Metrics date	05.12.2023
LT Issuer Rating	A-	Rating Case Default Rate	27.53%
ST Issuer Rating	L2	Rating Case Recovery Rate	65.57%
+Legal and regulatory framework analysis	+4 Notches	Expected Loss	9.48%
+Liquidity and refinancing risk	+1 Notch	Rating Case Breakeven OC	41.08%
= Rating after 1st uplift	AA+	Asset-sale discount stressed	72.75%
Cover Pool & cash flow analysis	AAA	Yield Spread stressed	0.40%
+ 2nd rating uplift	+1 Notch		
Rating covered bond program / Outlook	**AAA / Stable**		

Program Characteristics

All currencies displayed in EUR

General Information		*Overcollateralization*	
Bonds Nominal value	55,740.60 m.	Minimum	5.00%
Cover pool value	102,306.57 m.	Committed	5.00%
WAL maturity covered bonds	3.98 Years	Current	83.54%
WAL maturity cover pool	9.39 Years		
Currency Participations		*Interest Rate types*	
Euro-denominated Assets	99.83%	Fixed Rate - Covered Bonds	31.24%
Euro-denominated Bonds	98.40%	Floating Rate - Covered Bonds	68.76%
Non Euro-denominated Assets	0.17%	Other Rate -Covered Bonds	0.00%
Non Euro-denominated Bonds	1.60%	Fixed Rate -Cover Assets	41.52%
		Floating Rate - Cover Assets	58.48%
		Other Rate - Cover Assets	0.00%

Cover Assets Composition

General Information			
Cover Pool value	102,306.57 m.	Residential Mortgage value	93,682.87 m.
Mortgage assets	102,306.57 m.	Commercial Mortgage value	8,623.70 m.
Public sector assets	0.00 m.	Other Mortgage value	0.00 m.
Other assets	0.00 m.	Total number of exposures	1,502,965
Substitute assets	0.00 m.	Number of Commercial Loans	69,684.00
of which Cash	0.00 m.	Number of Residential Loans	1,433,281.00
of which Exposures to/ guaranteed by Supranational, Sovereign, Agency (SSA)	0.00 m.	Average Size Commercial Loans (000s)	123.75
of which Exposures to central banks	0.00 m.	Average Size Residential Loans (000s)	65.36
of which Exposures to credit institutions	0.00 m.	Weighted Average Seasoning (months)	110.72
of which Other	0.00 m.		

Arrears	*% Residential Loans*	*% Commercial Loans*
1-<30 days	1.40%	0.97%
30-<60 days	0.12%	0.14%
60-<90 days	0.04%	0.02%
90-<180 days	0.06%	0.21%
>= 180 days	0.06%	0.14%

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Mortgage Covered Bond Program

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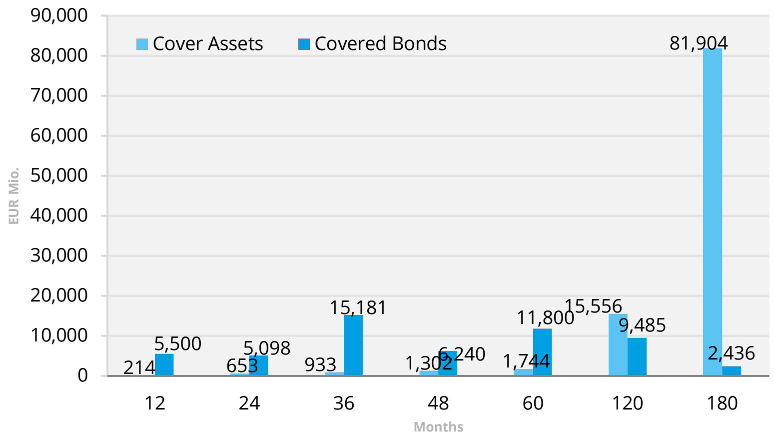
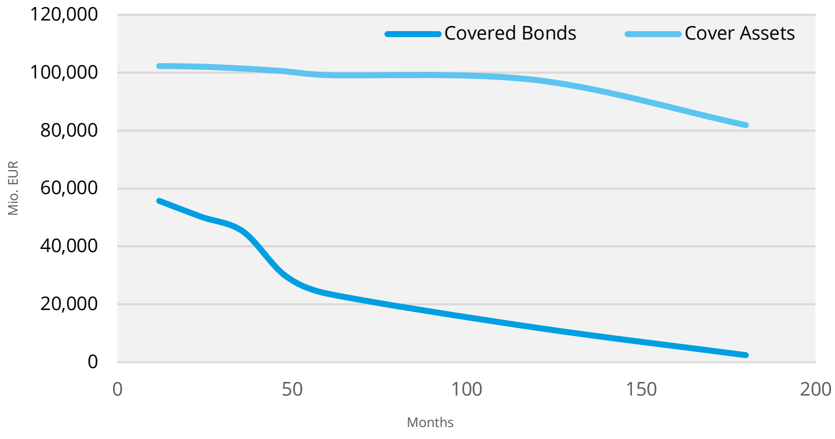
Distribution by remaining time to maturity



Amortization Profile



Loan Distribution by country (as % of total Mortgages)

Country	% Residential Loans	% Commercial Loans
Austria	0.0%	0.0%
Belgium	0.0%	0.0%
Bulgaria	0.0%	0.0%
Croatia	0.0%	0.0%
Cyprus	0.0%	0.0%
Czechia	0.0%	0.0%
Denmark	0.0%	0.0%
Estonia	0.0%	0.0%
Finland	0.0%	0.0%
France	0.0%	0.0%
Germany	0.0%	0.0%
Greece	0.0%	0.0%
Netherlands	0.0%	0.0%
Hungary	0.0%	0.0%
Ireland	0.0%	0.0%
Italy	0.0%	0.0%
Latvia	0.0%	0.0%
Lithuania	0.0%	0.0%
Luxembourg	0.0%	0.0%
Malta	0.0%	0.0%
Poland	0.0%	0.0%
Portugal	0.0%	0.0%
Romania	0.0%	0.0%
Slovakia	0.0%	0.0%
Slovenia	0.0%	0.0%
Spain	100.0%	100.0%
Sweden	0.0%	0.0%
United Kingdom	0.0%	0.0%
Iceland	0.0%	0.0%
Liechtenstein	0.0%	0.0%
Norway	0.0%	0.0%
Switzerland	0.0%	0.0%
Australia	0.0%	0.0%
Brazil	0.0%	0.0%
Canada	0.0%	0.0%
Japan	0.0%	0.0%
Korea	0.0%	0.0%
New Zealand	0.0%	0.0%
Singapore	0.0%	0.0%
US	0.0%	0.0%
Other	0.0%	0.0%

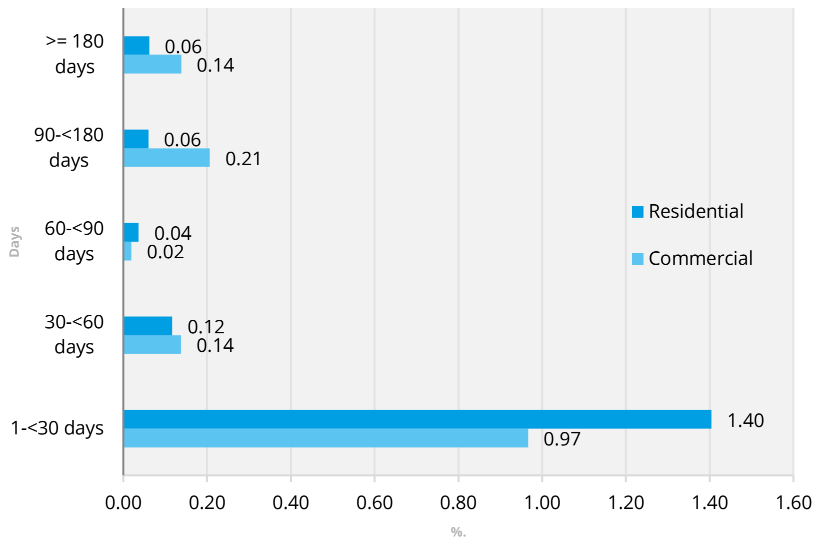
Currency Distribution

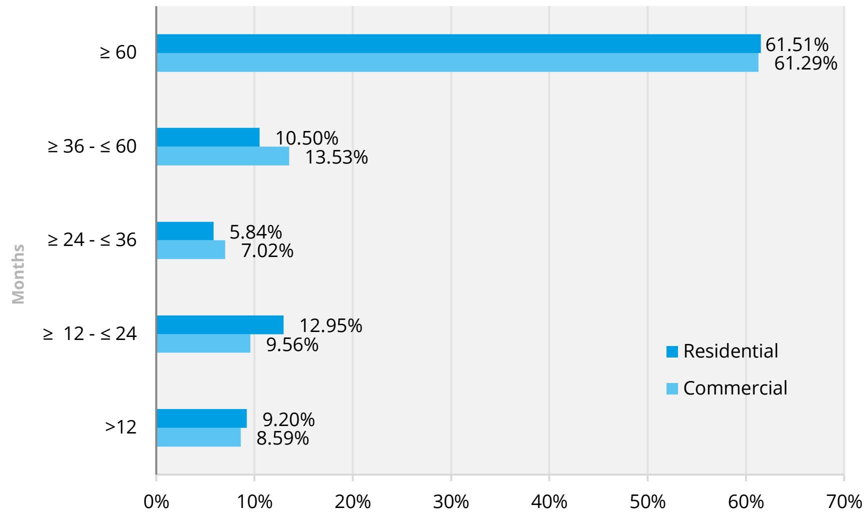
Currency	Covered Bonds	Cover Assets
EUR	54,846.88 m.	102,135.11 m.
AUD	0.00 m.	0.00 m.
BRL	0.00 m.	0.00 m.
CAD	0.00 m.	0.00 m.
CHF	0.00 m.	49.21 m.
CZK	0.00 m.	0.00 m.
DKK	0.00 m.	0.00 m.
GBP	0.00 m.	13.43 m.
HKD	0.00 m.	0.00 m.
ISK	0.00 m.	0.00 m.
JPY	0.00 m.	100.98 m.
KRW	0.00 m.	0.00 m.
NOK	0.00 m.	0.00 m.
PLN	0.00 m.	0.00 m.
SEK	0.00 m.	0.00 m.
SGD	0.00 m.	0.00 m.
USD	893.72 m.	7.42 m.

Loan Distribution by Regions (as % of total Mortgages)

Region	% Residential Loans	% Commercial Loans
Andalucia	14.48%	16.51%
Aragon	1.11%	1.25%
Asturias	0.66%	0.54%
Balearic Islands	5.42%	8.41%
Basque Country	2.67%	1.74%
Canary Islands	5.00%	6.21%
Cantabria	0.91%	0.46%
Castilla-La Mancha	2.73%	2.07%
Castilla-Leon	3.12%	2.65%
Catalonia	23.39%	24.35%
Ceuta	0.19%	0.07%
Extremadura	0.72%	1.18%
Galicia	1.97%	1.21%
La Rioja	0.60%	0.44%
Madrid	20.73%	18.99%
Melilla	0.04%	0.06%
Murcia	3.51%	2.30%
Navarra	1.96%	1.41%
Valencia	10.81%	10.14%

Arrears Distribution	*Seasoning Distribution*





LTV Distribution

Unindexed LTV Distribution Commercial Loans			*Unindexed LTV Distribution Residential Loans*		
LTV	*Nominal*	*% Loans*	*LTV*	*Nominal*	*% Loans*
>0 - <=40 %	4,726.92	54.81%	>0 - <=40 %	33,863.89	36.15%
>40 - <=50 %	2,083.68	24.16%	>40 - <=50 %	15,809.06	16.88%
>50 - <=60 %	1,813.09	21.02%	>50 - <=60 %	16,265.68	17.36%
>60 - <=70 %	0.00	0.00%	>60 - <=70 %	15,728.65	16.79%
>70 - <=80 %	0.00	0.00%	>70 - <=80 %	12,015.59	12.83%
>80 - <=90 %	0.00	0.00%	>80 - <=90 %	0.00	0.00%
>90 - <=100 %	0.00	0.00%	>90 - <=100 %	0.00	0.00%
>100%	0.00	0.00%	>100%	0.00	0.00%

Transaction Parties			**Swap Counterparties**		
Key Transaction parties	*Name*	*LEI*	*Counterparty Name*	*LEI*	*Type of swap*
Issuer	CaixaBank, S.A.	7CUNS533WID6K7DGFI87	NR	NR	NR
Cover Pool Monitor	Deloitte Advisory, S.L.	95980093GNZMDFDMW087	*Type of swap arrangements*		
			Intra-group interest rate swaps		No
			Intra-group currency rate swaps		No

Creditreform Rating

ISIN List of rated securities

Issuer	ISIN	Coupon Type	Coupon Rate (%)	Issue date	Maturity date	Program ID
CaixaBank, S.A.	ES0413307168	Fix	0.15	22.11.2019	22.11.2027	J5b7U
CaixaBank, S.A.	ES0440609362	Floating	EIEUR6M + 0.26	11.10.2017	11.10.2026	J5b7U
CaixaBank, S.A.	ES0413307143	Floating	EIEUR6M + 0.28	09.10.2018	09.10.2026	J5b7U
CaixaBank, S.A.	ES0440609347	Fix	1.63	14.07.2017	14.07.2032	J5b7U
CaixaBank, S.A.	ES0414950644	Fix	4.13	24.03.2006	24.03.2036	J5b7U
CaixaBank, S.A.	ES0413307093	Fix	1.00	25.03.2015	25.09.2025	J5b7U
CaixaBank, S.A.	ES0440609370	Floating	EIEUR6M + 0.24	19.10.2017	19.10.2025	J5b7U
CaixaBank, S.A.	ES0440609396	Fix	1.00	17.01.2018	17.01.2028	J5b7U
CaixaBank, S.A.	ES0414970451	Fix	5.43	13.06.2008	13.06.2038	J5b7U
CaixaBank, S.A.	ES0440609404	Fix	1.64	23.11.2018	23.11.2033	J5b7U
CaixaBank, S.A.	ES0413307135	Floating	EIEUR6M + 0.18	01.06.2018	01.06.2026	J5b7U
CaixaBank, S.A.	ES0440609446	Floating	EIEUR6M + 0.1	30.11.2021	30.11.2026	J5b7U
CaixaBank, S.A.	ES0440609149	Floating	EIEUR6M + 3.75	07.06.2012	09.06.2025	J5b7U
CaixaBank, S.A.	ES0440609156	Floating	EIEUR6M + 3.75	19.06.2012	19.06.2026	J5b7U
CaixaBank, S.A.	ES0440609164	Floating	EIEUR6M + 4	03.07.2012	05.07.2027	J5b7U
CaixaBank, S.A.	ES0440609339	Fix	1.25	11.01.2017	11.01.2027	J5b7U
CaixaBank, S.A.	ES0440609180	Floating	EIEUR6M + 4.25	17.07.2012	17.07.2028	J5b7U
CaixaBank, S.A.	ES0440609172	Floating	EIEUR6M + 4.25	17.07.2012	19.07.2027	J5b7U
CaixaBank, S.A.	ES0413307150	Floating	EIEUR6M + 0.5	25.01.2019	25.01.2027	J5b7U
CaixaBank, S.A.	ES0413980022	Floating	EIEUR3M + 3.85	02.08.2011	02.08.2027	J5b7U
CaixaBank, S.A.	ES0414950628	Fix	4.00	03.02.2005	03.02.2025	J5b7U
CaixaBank, S.A.	ES0414970204	Fix	3.88	17.02.2005	17.02.2025	J5b7U
CaixaBank, S.A.	ES0440609453	Floating	EIEUR6M + 0.18	16.03.2022	16.03.2029	J5b7U
CaixaBank, S.A.	ES0413307077	Floating	EIEUR1M + 1.40	26.05.2014	26.05.2027	J5b7U
CaixaBank, S.A.	ES0413307085	Floating	EIEUR1M + 1.40	26.05.2014	26.05.2028	J5b7U
CaixaBank, S.A.	ES0440609271	Fix	0.63	27.03.2015	27.03.2025	J5b7U
CaixaBank, S.A.	ES0440609479	Floating	EIEUR6M + 0.53	29.05.2023	29.09.2030	J5b7U

Data Definitions

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Issuer: Issuer source of information includes all available public information, i.e. Investor Reports, Harmonised Transparency Templates “HTT”, National Transparency Templates “NTT”, Prospectus etc.
Information not applicable for the jurisdiction and not relevant for the issuer and/or CB program at the present time will be labeled as "NR" (Not Relevant)
Information not disclosed by the issuer will be labeled as "ND" (Not Disclosed)

Field Name	Source	Definition
Program ID	CRA	Unique CRA internal identification for a rating
Covered bonds type	Issuer	The covered bonds type (public sector covered bonds or mortgage covered bonds)
Country Issuer	Issuer	The issuer country
Main country of assets	Issuer	The country with the maximum participation of cover assets
Main collateral asset class	Issuer	The main collateral asset class of the covered bonds
Legal framework	CRA	The set of legislative and regulatory rules of the respective jurisdiction that regulates the covered bonds (CB) program
Bonds Nominal value	Issuer	The total amount of outstanding covered bonds as of cut-off date expressed in millions
Cover pool value	Issuer	Aggregate value of all cover assets in the cover pool (incl. Substitute assets) as of cut-off date expressed in millions
WAL maturity covered bonds	Issuer	The weighted average remaining maturity of all outstanding covered bonds in years
WaL maturity cover pool	Issuer	The weighted average remaining maturity of all outstanding covered assets in years
Repayment method	Issuer	Hard Bullet: Covered bonds are repaid on the maturiry date which cannot be extended Soft Bullet: The maturity date of the covered bonds can be extended by a fixed period Conditional pass-through (CPT): Covered bonds with a scheduled maturity date, and an extension mechanism defined by certain conditions Hard & Soft Bullet: The covered bond program with a combination of hard bullet and soft bullet maturity structures
Overcollateralization (OC) - Current	CRA	The proportion of cover assets that exceeds the current outstanding covered bonds, calculated as ([Cover pool value]/[outstanding covered bonds]-1)*100
Overcollateralization (OC) - Minimum	CRA	The minimum OC level that the issuer must maintain according to the respective CB legislation
Overcollateralization (OC) - Commited	CRA	The minimum OC level that the issuer has committed to maintain, as published in its public available reports. If no level of commited OC is reported, the field shows "NR" (Not Relevant)
Fixed Rate - Covered Bonds	Issuer	Share of covered bonds paying a fixed rate of interest
Floating Rate - Covered Bonds	Issuer	Share of covered bonds paying a floating rate of interest
Other Rate -Covered Bonds	Issuer	Share of covered bonds paying an other rate of interest
Fixed Rate -Cover Assets	Issuer	Share of cover assets yielding a fixed rate of interest
Floating Rate - Cover Assets	Issuer	Share of cover assets yielding a floating rate of interest
Other Rate - Cover Assets	Issuer	Share of cover assets yielding an other rate of interest
Euro-denominated Assets	Issuer	Share of cover assets denominated in Euros, in percentage of total cover pool value
Euro-denominated Bonds	Issuer	Share of covered bonds denominated in Euros, in percentage of bonds nominal value
Non Euro-denominated Assets	Issuer	Share of cover assets denominated in currencies other than Euros, in percentage of total cover pool value
Non Euro-denominated Bonds	Issuer	Share of covered bonds denominated in currencies other than Euros, in percentage of bonds nominal value
LT Issuer Rating	CRA	Long-term ratings assess the default risks for each category of a bank’s financial instruments with a residual term-to-maturity of more than one year
ST Issuer Rating	CRA	Short-term ratings assess the default risks for each category of a bank’s financial instruments with a residual term-to-maturity of less than one year
Legal and regulatory framework analysis	CRA	A qualitative assessment of legislative and regulatory rules of the respective covered bonds program
Liquidity and refinancing risk	CRA	A qualitative assessment of regulatory requirements for the liquidity and refinancing risk of the respective covered bonds program
First rating uplift	CRA	The rating after adding up the notches from Legal and regulatory framework analysis and Liquidity and refinancing risk with LT Issuer rating
Cover pool and cash flow analysis	CRA	The quantitative assessment of the cover assets and covered bonds at different rating-level stressed scenarios
Second rating upflift	CRA	The rating after adding up the notches from cash-flow analysis with 1st rating uplift (only effective if the rating from cash-flow analysis is higher than the 1st rating uplift)
Rating covered bond program / Outlook	CRA	Final rating and outlook of the covered bond program

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Field Name	Source	Definition
Metrics date	CRA	The date on which CRA assigned the initial / follow-up rating of the covered bond program, as well as the propreitary metrics to determine the rating of the covered bonds program
Rating Case Default Rate (RDR)	CRA	Stressed default rate of the cover assets represented by the base case stressed scenario
Rating Case Recovery Rate (RRR)	CRA	Stressed recovery rate of the defaulted assets represented by the base case stressed scenario
Expected Loss	CRA	Stressed loss rate of the cover assets represented by the base case stressed scenario. The expected loss rate has been calculated as [RDR*(1-RRR)] [%]
Rating Case Breakeven OC	CRA	The required stressed OC level compatible with the base case rating
Asset-sale discount stressed	CRA	Stressed Asset value haircuts of the main collateral asset class represented by the base case stressed scenario
Yield Spread stressed	CRA	Stressed positive yield spreads between covered bonds and cover assets represented by the base case stressed scenario
Average Seasoning	Issuer	Average length of the loans from the origination date to the cut-off date in months
Loan Size	Issuer	Average size of the loans (i.e. Total value of cover assets / Number of loans)
Mortgage assets	Issuer	Outstanding mortgage assets in the cover pool expressed in millions
Public sector assets	Issuer	Outstanding public sector assets in the cover pool expressed in millions
Other assets	Issuer	Outstanding other assets in the cover pool expressed in millions
Substitute assets	Issuer	Outstanding substitute assets in the cover pool expressed in millions
Residential mortgage value	Issuer	Outstanding residential mortgage loans in the cover pool expressed in millions
Commercial mortgage value	Issuer	Outstanding commercial mortgage loans in the cover pool expressed in millions
Other mortgage value	Issuer	Outstanding other mortgage loans in the cover pool expressed in millions
Loans (Public Sector)	Issuer	Outstanding loans among public sector assets expressed in millions
Bonds (Public Sector)	Issuer	Outstanding bonds among public sector assets expressed in millions
Other (Public sector)	Issuer	Outstanding other loans among public sector assets expressed in millions
Sovereigns (m.)	Issuer	Outstanding Sovereigns loans among public sector assets expressed in millions
Regional/ federal authorities (m.)	Issuer	Outstanding regional governments loans among public sector assets expressed in millions
Local/ municipal authorities (m.)	Issuer	Outstanding local governments loans among public sector assets expressed in millions
Others (m.)	Issuer	Outstanding loans of other debtors among public sector assets expressed in millions
of which Cash	Issuer	Nominal value of total cash in the substitute asssets expressed in millions
of which Exposures to/ guaranteed by Supranational, Sovereign, Agency (SSA)	Issuer	Nominal value of the exposures to/ guaranteed by Supranational, Sovereign, Agency (SSA) in the substitute asssets expressed in millions
of which Exposures to central banks	Issuer	Nominal value of the exposures to central banks in the substitute asssets expressed in millions
of which Exposures to credit institutions	Issuer	Nominal value of the exposures to credit institutions in the substitute asssets expressed in millions
of which Other	Issuer	Nominal value of the other type of exposures in the substitute asssets expressed in millions
Total number of exposures	Issuer	Total number of public sector exposures or total number of mortgage loans in the cover assets
Arrears % of public sector assets	Issuer	Percentage of public sector loans with arrears
Arrears % of residential loans	Issuer	Percentage of residential mortgage loans with arrears
Arrears % of commercial loans	Issuer	Percentage of commercial mortgage loans with arrears
1-<30 days	Issuer	Percentage of loans with arrears of less than 30 days
30-<60 days	Issuer	Percentage of loans with arrears between 30 and 60 days
60-<90 days	Issuer	Percentage of loans with arrears between 60 and 90 days
90-<180 days	Issuer	Percentage of loans with arrears between 90 and 180 days
>= 180 days	Issuer	Percentage of loans with arrears equal or above 180 days
Distribution by remaining time to maturity	CRA	The remaining residual life of cover pool assets and the remaining maturity of covered bonds in months

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Field Name	Source	Definition
LTV	Issuer	The loan-to-value (LTV) is the ratio of a loan to the value of the property securing the loan
Unindexed LTV Distribution Commercial Loans	Issuer	Unindexed LTV distribution of commercial loans represented by finite continuous distributions of intervals expressed in volume and percentage of total commercial loans
Indexed LTV Distribution Commercial Loans	Issuer	Indexed LTV distribution of commercial loans represented by finite continuous distributions of intervals expressed in volume and percentage of total commercial loans
Unindexed LTV Distribution Residential Loans	Issuer	Unindexed LTV distribution of residential loans represented by finite continuous distributions of intervals expressed in volume and percentage of total residential loans
Indexed LTV Distribution Residential Loans	Issuer	Indexed LTV distribution of residential loans represented by finite continuous distributions of intervals expressed in volume and percentage of total residential loans
Loan distribution by country	Issuer	The share of cover assets across countries represented by the respective asset classes
Loan distribution by region	Issuer	The regional distribution of cover assets of the main country of collateral asset class in percentage
Currency distribution	Issuer	Distribution of currencies of the covered bonds and cover assets expressed in millions
Arrears Distribution	Issuer	The distribution of arrears of the cover assets with respect to each asset class
Seasoning Distribution	Issuer	The distribution of seasoning of the cover assets with respect to each asset class
Amortization Profile	CRA	The maturity structure of the cover assets and liabilities
% Residential Loans	Issuer	Outstanding value of loans that are secured by the residential property expressed as % of total outstanding loans in the cover pool
% Commercial Loans	Issuer	Outstanding value of loans that are secured by the commercial property expressed as % of total outstanding loans in the cover pool
LEI	CRA	Legal Entity Identifier (LEI) enables unique identification of legal entities in financial transactions
Transaction parties	Issuer	Key transaction parties of the covered bond program
Fixed Coupon	Issuer	All assets and liabilities in the covered bond program that yield a fixed interest rate
Floating Coupon	Issuer	All assets and liabilities in the covered bond program that have variable interest rates
EIEURxM	Reuters	Euro x Month EURIBOR
EURSWExY	Reuters	Euro x Year Interest Rate Swap Fixing

Disclaimer

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