Creditreform Covered Bond Rating

CaixaBank, S.A.

Mortgage Covered Bond Program

Creditreform Rating

Rating Object

Country Issuer	Spain	Repayment method	Hard Bullet
Cover pool asset class	Mortgage		Min (25,00%)
Legal framework	Spanish Mortgage Market Law	Overcollateralization	Current (73,21%)
Nominal value	EUR 49.652,32 m.		Committed (25,00%)
Cover pool value	EUR 86.000,31 m.		Fix (35,10%)
WAL maturity covered bonds	4,60 (Years)	Covered bonds coupon type	Floating (64,90%)
WAL maturity cover pool	8,98 (Years)		Other (0,00%)
Cut-off date Covered Pool Information:	31.03.2020		

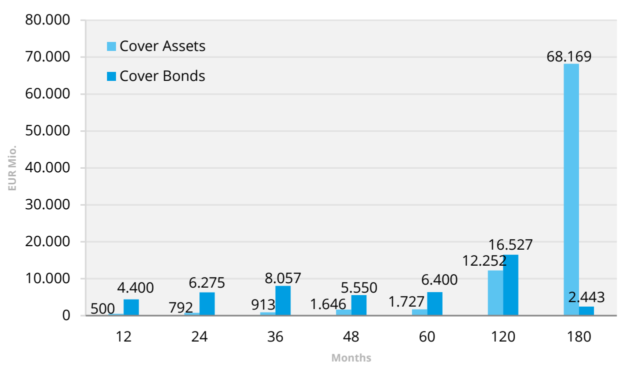
Rating Overview

Rating Summary		*Credit Risk Metrics*	
Issuer	CaixaBank, S.A.	Metrics date	27.01.2020
LT Issuer Rating	BBB+	Rating Case Default Rate	26,32%
ST Issuer Rating	L3	Rating Case Recovery Rate	73,63%
+Legal and regulatory framework analysis	+4 Notches	Expected Loss	6,94%
+Liquidity and refinancing risk	+1 Notch	Rating Case Breakeven OC	24,38%
= Rating after 1st uplift	AA	*Program Key Counterparties*	
Cover Pool & cash flow analysis	BBB-	Servicer	NA
+ 2nd rating uplift	+/-0	Account Bank	NA
Rating covered bond program / Outlook	**AA "Watch Negative"**	Sponsor	NA

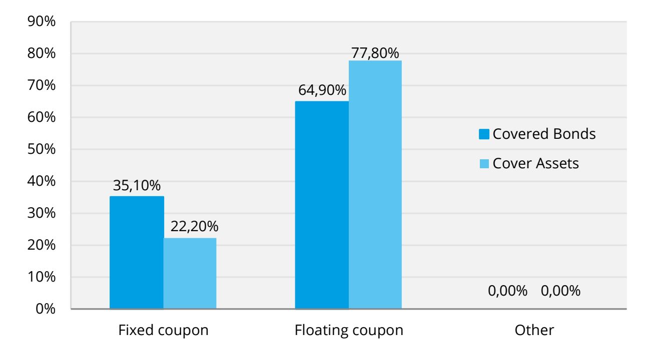
Cover Assets Composition

General Information		*Property Type*	
Cover Pool Balance	EUR 86.000,31 m.	Residential	EUR 66.944,21 m.
Average Seasoning	102,58 Months	Commercial	EUR 19.056,11 m.
Total number of exposures	1.162.023	Other	EUR 0,00 m.
Distribution by type of asset		*Distribution by Loan size*	
Mortgages	EUR 86.000,31 m.	Number of Commercial Loans	93.830
Public Sector	EUR 0,00 m.	Number of Residential Loans	1.068.193
Shipping	EUR 0,00 m.	Average Size Commercial Loans (000s)	203
Substitute Assets	EUR 0,00 m.	Average Size Residential Loans (000s)	63
Other	EUR 0,00 m.		

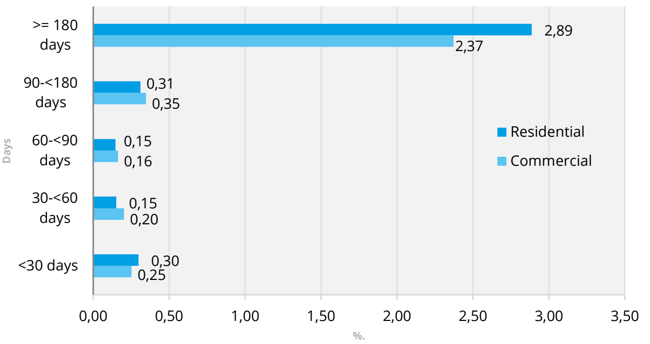
Asset-liability Profile



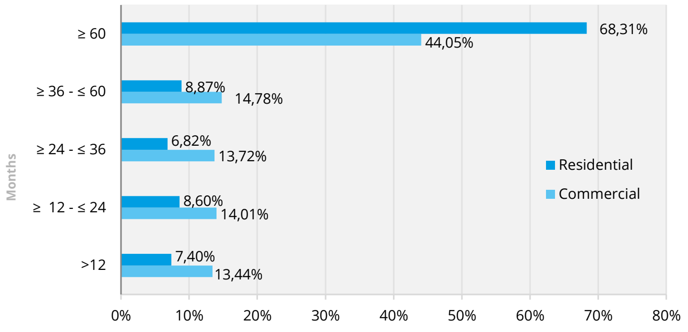
Interest Rate



Arrears Distribution



Seasoning Distribution



Unindexed LTV Distribution Commercial Loans			Unindexed LTV Distribution Residential Loans		
LTV	*Nominal*	*% Loans*	*LTV*	*Nominal*	*% Loans*
>0 - <=40 %	6.677,77	35,04%	>0 - <=40 %	22.968,20	34,31%
>40 - <=50 %	3.246,95	17,04%	>40 - <=50 %	11.833,64	17,68%
>50 - <=60 %	3.437,29	18,04%	>50 - <=60 %	10.651,72	15,91%
>60 - <=70 %	2.149,45	11,28%	>60 - <=70 %	8.867,70	13,25%
>70 - <=80 %	1.150,94	6,04%	>70 - <=80 %	6.261,43	9,35%
>80 - <=90 %	643,17	3,38%	>80 - <=90 %	2.040,86	3,05%
>90 - <=100 %	586,65	3,08%	>90 - <=100 %	1.386,00	2,07%
>100%	1.163,90	6,11%	>100%	2.934,65	4,38%

Currency Distribution

Currency	*Covered Bonds*	*Cover Assets*
EUR	48.770,43 m.	85.349,19 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.	159,37 m.
CZK	0,00 m.	0,00 m.
DKK	0,00 m.	0,00 m.
GBP	0,00 m.	11,86 m.
HKD	0,00 m.	0,00 m.
JPY	0,00 m.	469,92 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	881,89 m.	9,97 m.
Other	0,00 m.	0,00 m.

Loan Distribution by Regions (as % of total Mortgages)

Region	*% Residential Loans*	*% Commercial Loans*
Andalusia	16,56%	14,63%
Aragon	1,56%	1,24%
Asturias	0,70%	0,40%
Balearic Islands	4,27%	5,06%
Basque Country	3,01%	1,80%
Canary Islands	6,13%	6,58%
Cantabria	0,87%	0,43%
Castile La Mancha	2,53%	2,20%
Castile León	3,71%	2,45%
Catalonia	29,53%	27,62%
Ceuta	0,13%	0,00%
Extremadura	0,83%	0,70%
Galicia	2,22%	1,17%
La Rioja	0,48%	0,18%
Madrid	13,87%	25,57%
Melilla	0,00%	0,00%
Murcia	2,29%	1,02%
Navarra	3,27%	2,26%
Valencia	8,06%	6,65%
Others/ No info	0,00%	0,18%

Swap Counterparties

Name	*Type of arrangement*	*LEI*
NA	NA	NA
NA	NA	NA
NA	NA	NA
Swap Agreements		
Interest Rate Swap		NA
Currency Swap		NA

ISIN Lists

Issuer	ISIN	Coupon Type	Coupon Rate (%)	Issue date	Maturity date
CaixaBank, S.A.	ES0440609131	Floating	EIEUR6M + 3.80	07.06.2012	07.06.2024
CaixaBank, S.A.	ES0440609271	Fix	0,63	27.03.2015	27.03.2025
CaixaBank, S.A.	ES0440609362	Floating	EIEUR6M + 0.26	11.10.2017	11.10.2026
CaixaBank, S.A.	ES0414970303	Fix	4,50	28.06.2006	26.01.2022
CaixaBank, S.A.	ES0440609164	Floating	EIEUR6M + 4	03.07.2012	05.07.2027
CaixaBank, S.A.	ES0440609313	Fix	1,00	08.02.2016	08.02.2023
CaixaBank, S.A.	ES0440609404	Fix	1,64	23.11.2018	23.11.2033
CaixaBank, S.A.	ES0413980022	Floating	EIEUR3M + 3.85	02.08.2011	02.08.2027
CaixaBank, S.A.	ES0440609115	Floating	EIEUR6M + 3.85	07.06.2012	07.06.2022
CaixaBank, S.A.	ES0440609198	Floating	EIEUR6M + 4.70	26.07.2012	26.07.2020
CaixaBank, S.A.	ES0440609347	Fix	1,63	14.07.2017	14.07.2032
CaixaBank, S.A.	ES0414970204	Fix	3,88	17.02.2005	17.02.2025
CaixaBank, S.A.	ES0440609149	Floating	EIEUR6M + 3.75	07.06.2012	09.06.2025
CaixaBank, S.A.	ES0440609370	Floating	EIEUR6M + 0.24	19.10.2017	19.10.2025
CaixaBank, S.A.	ES0414970451	Fix	5,43	13.06.2008	13.06.2038
CaixaBank, S.A.	ES0440609172	Floating	EIEUR6M + 4.25	17.07.2012	19.07.2027
CaixaBank, S.A.	ES0440609321	Floating	EIEUR6M + 0.55	22.12.2016	22.12.2022
CaixaBank, S.A.	ES0413985039	Floating	EIEUR1Y + 0.25	27.04.2009	27.09.2022
CaixaBank, S.A.	ES0440609123	Floating	EIEUR6M + 3.80	07.06.2012	07.06.2023
CaixaBank, S.A.	ES0440609248	Fix	2,63	21.03.2014	21.03.2024
CaixaBank, S.A.	ES0440609354	Floating	EIEUR6M + 0.15	11.10.2017	11.10.2023
CaixaBank, S.A.	ES0414970246	Fix	3,63	18.01.2006	18.01.2021
CaixaBank, S.A.	ES0440609156	Floating	EIEUR6M + 3.75	19.06.2012	19.06.2026
CaixaBank, S.A.	ES0440609305	Fix	0,63	12.11.2015	12.11.2020
CaixaBank, S.A.	ES0440609396	Fix	1,00	17.01.2018	17.01.2028
CaixaBank, S.A.	ES0414970501	Floating	EIEUR3M + 1	14.05.2009	14.05.2021
CaixaBank, S.A.	ES0440609180	Floating	EIEUR6M + 4.25	17.07.2012	17.07.2028
CaixaBank, S.A.	ES0440609339	Fix	1,25	11.01.2017	11.01.2027
CaixaBank, S.A.	ES0440609420	Floating	EIEUR6M + 0.15	21.12.2018	21.12.2021

Data Definitions

The data is presented with a cut-off date . Following the clarification regarding the source of information:
Issuer: Issuer source of information are all available public information, i.e. Investor Reports, Harmonised Transparency Templates “HTT”, National Transparency Templates “NTT”, Prospectus etc. Not reported or non available information will be labeled as “NA” .

Field Name	Source	Definition
Cover pool asset class	Issuer	The asset type in the cover pool (public sector assets or mortgage assets)
Legal framework	CRA	The set of legislative and regulatory rules of the respective jurisdiction that regulates the covered bonds (CB) program
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 assets in the cover pool as of cut-off date expressed in millions
WAL maturity covered bonds	Issuer	The weighted average remaining maturity of all outstading covered bonds in years
WAL maturity cover pool	Issuer	The weighted average remaining maturity of all outstading 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
Overcollateralization	Issuer	Current OC: The proportion of covel assets that exceeds the proportion of currrently outstanding covered bonds, calculated as ([Cover pool value]/[outstanding covered bonds]-1)*100 Min OC: The OC level that the issuer must maintain according to the respective CB legislation Committed OC: The minimum OC level that the issuer has committed to maintain
Covered bonds coupon type	Issuer	Type of interest rate paid on covered bonds, expressed as a percentage of bond's face 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 assessement of legislative and regulatory rules of the covered bonds program
Liquidity and refinancing risk	CRA	A qualitative assessement of regulatory requirements for liquidity and refinancing risk of the 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)
Metrics date	CRA	The date on which CRA assigned the initial / follow-up rating of the covered bond 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
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)
LTV	Issuer	The loan-to-value (LTV) is the ratio of a loan to the value of the property securing the loan
LEI	CRA	Legal Entity Identifier (LEI) enables unique identification of legal entities in financial transactions
Arrears Distribution	Issuer	The distrbution of arrears of the cover assets with respect to each asset class
Seasoning Distribution	Issuer	The distrbution of seasoning of the cover assets with respect to each asset class
Asset liability 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 outstadning loans in the cover pool
% Commercial Loans	Issuer	Outstanding value of loans that are secured by the commercial property expressed as % of total outstadning loans in the cover pool
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

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