

DZ HYP AG - Mortgage Covered Bonds

Covered Bonds / Germany

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Reporting as of: 30/09/2023 All amounts in EUR (unless otherwise specified)

For information on how to read this report, see the latest [Moody's Covered Bonds Sector Update](#)

Data as provided to Moody's Investors Service (note 1)

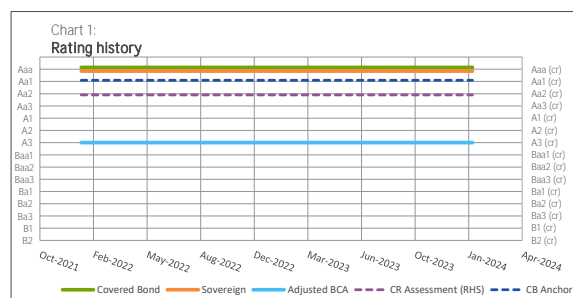
I. Programme Overview

Overview

Year of initial rating assignment:	2021	
Total outstanding liabilities:	EUR	34,640,942,994
Total assets in the Cover Pool:	EUR	40,775,449,459
Issuer name / CR Assessment:	DZ HYP AG / Aa2(cr)	
Group or parent name / CR Assessment:	DZ BANK AG / n/a	
Main collateral type:	Commercial	

Ratings

Covered bonds rating:	Aaa	
Entity used in Moody's EL & TPI analysis:	DZ HYP AG	
CB anchor:	Aa1	
CR Assessment:	Aa2(cr)	
Adjusted BCA / SUR:	a3 / Aa2	
Unsecured claim used for Moody's EL analysis:	Yes	



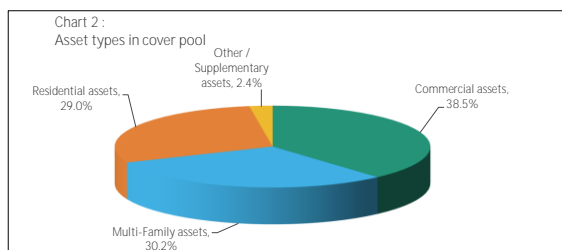
II. Value of the Cover Pool

Collateral quality

Collateral Score:	12.7%	
Collateral Score excl. systemic risk:	12.6%	

Cover Pool losses

Collateral Risk (Collateral Score post-haircut):	8.5%	44%
Market Risk:	10.8%	56%
	19.3%	100%



III. Over-Collateralisation Levels (notes 2 & 3)

Over-Collateralisation (OC) figures presented below include Eligible only collateral.
Over-Collateralisation levels are provided on any of the following: nominal basis or unstressed NPV basis or on stressed NPV basis.

Current situation

Committed OC (Stressed NPV):	2.0%
Current OC (Unstressed NPV):	21.5%
OC consistent with current rating (note 4)	0.0%

Besides 2% committed OC on NPV basis, in accordance with German Pfandbrief Act, the issuer is also required to hold additional 2% OC calculated on nominal basis.

Sensitivity scenario CB anchor

	OC consistent with current rating	
Scenario 1: CB anchor is lowered by	1 notch	0.5%

IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI):	High
TPI Leeway:	6

Extract from TPI table

CB Anchor	High
Aaa	Aaa
Aa1	Aaa
Aa2	Aaa
Aa3	Aaa
A1	Aaa
A2	Aaa
A3	Aaa
Baa1	Aaa
Baa2	Aa1

Legal framework

Does a specific covered bond law apply for this programme:	Yes
Main country in which collateral is based:	Germany
Country in which issuer is based:	Germany

Timely principal payments

Maturity type:	Soft Bullet
Committed liquidity reserve for principal amount of all hard bullet bonds to be funded at least 180 days before maturity:	n/a
Committed liquidity reserve for principal amount of all soft bullet bonds to be funded at least 180 days before initial maturity:	Yes

(note 1) The data reported in this PO is based on information provided by the issuer and may include certain assumptions made by Moody's. Moody's accepts no responsibility for the information provided to it and, whilst it believes the assumptions it has made are reasonable, cannot guarantee that they are or will remain accurate. Although Moody's encourages all issuers to provide reporting data in a consistent manner, there may be differences in the way that certain data is categorised by issuers. The data reporting template (which Issuers are requested to use) is available on request. Credit ratings, TPI and TPI Leeway shown in this PO are as of publication date.

(note 2) This assumes the Covered Bonds rating is not constrained by the TPI. Also to the extent rating assumptions change following a downgrade or an upgrade of the Issuer, the necessary OC stated here may also change. This is especially significant in the case of CR assessments of A3(cr) or Baa1(cr), as the necessary OC following a 1 notch downgrade may then be substantially higher than the amount suggested here as market risks are considered more critically by Moody's at this time. In any event, the necessary OC amounts stated here are subject to change at any time at Moody's discretion.

(note 3) This is the minimum OC calculated to be consistent with the current rating under Moody's expected loss model. However, the level of OC consistent with a given rating level may differ from this amount where ratings are capped under the TPI framework and, for example, where committee discretion is applied.

(note 4) The OC consistent with the current rating is the minimum level of over-collateralisation which is necessary to support the covered bond rating at its current level on the basis of the pool as per the cut-off date. The sensitivity run is based on certain assumptions, including that the Covered Bonds rating is not constrained by the TPI. Further, this sensitivity run is a model output only and therefore a simplification as it does not take into account certain assumptions that may change as an issuer is downgraded, and as a result the actual OC number consistent with the current rating may be higher than shown. The OC required may also differ from the model output in situations when committee discretion is applied. In any event, the OC amounts stated here are subject to change at any time at Moody's discretion.

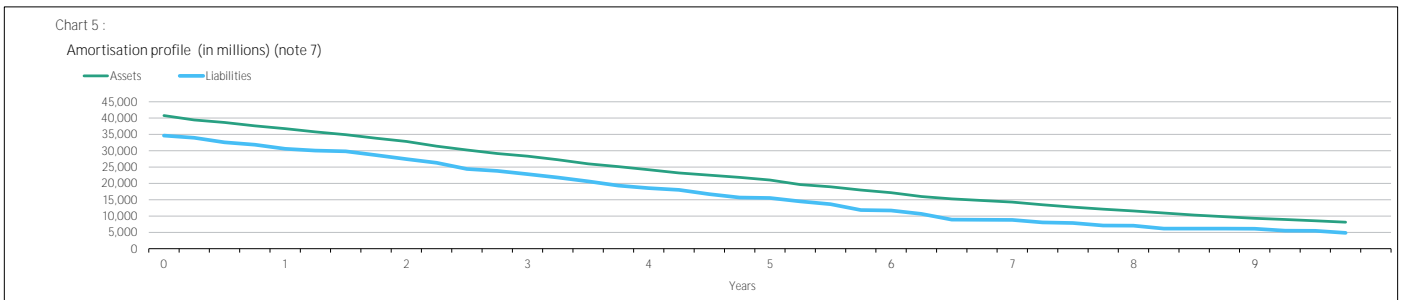
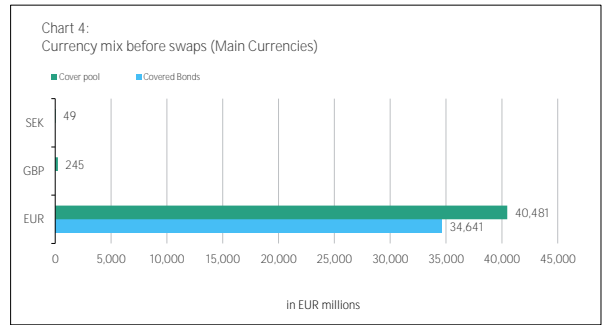
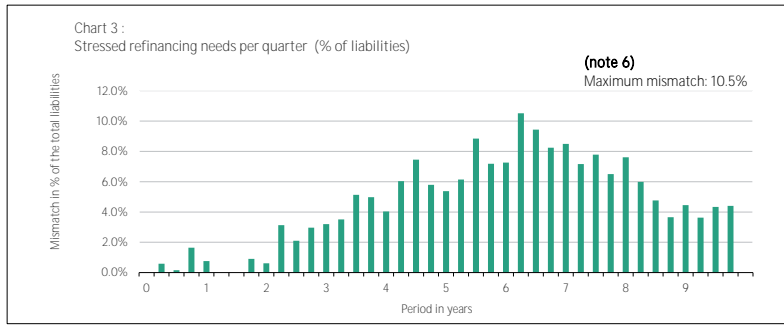
V. Asset Liability Profile

Interest Rate & Duration Mismatch (note 5)

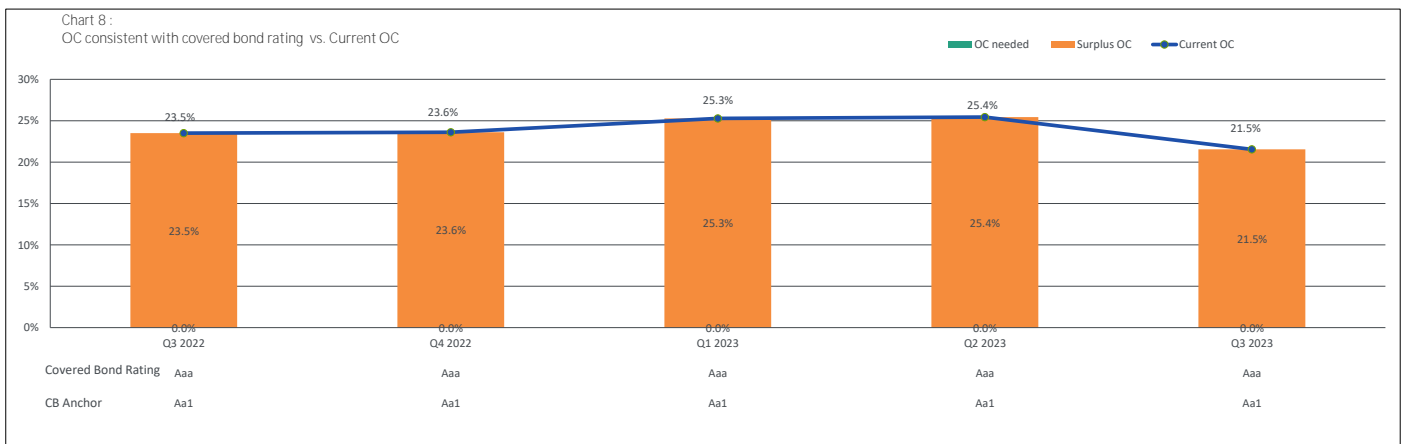
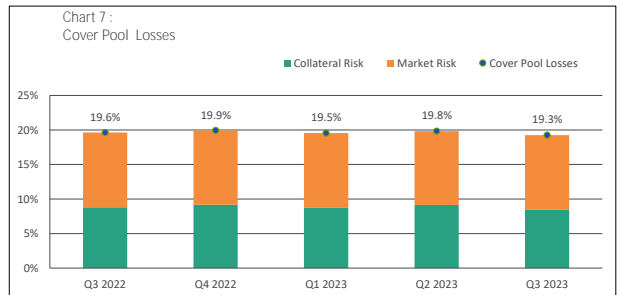
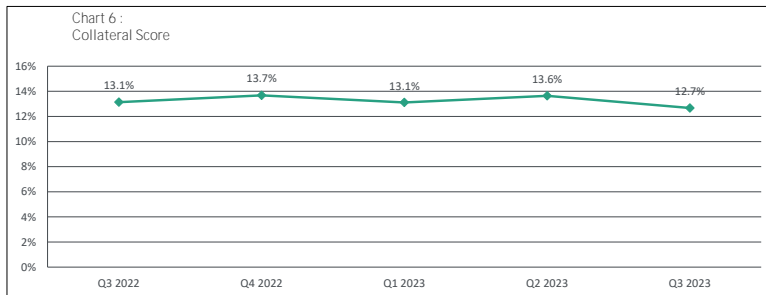
Fixed rate assets in the cover pool:	84.0%
Fixed rate covered bonds outstanding:	99.5%
WAL of outstanding covered bonds:	5.8 years
WAL of the cover pool:	9.6 years

Swap Arrangements

Interest rate swap(s) in the Cover Pool:	No
Intra-group interest rate swap(s) provider(s):	No
Currency swap(s) in the Cover Pool:	No
Intra-group currency swap(s) provider(s):	No



VI. Performance Evolution



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(note 5) This assumes no prepayment.

(note 6) Based on principal flows only. Assumptions include no prepayments, principal collections limited to the portion of assets that make up the amount of the liabilities plus committed OC, no further CB issuance and no further assets added to the cover pool.

(note 7) Assumptions include no swap in place in Cover Pool, no prepayment and no further CB issuance.

VII. Cover Pool Information - Residential Assets

Overview

Asset type:	Residential
Asset balance:	11,827,497,666
Average loan balance:	118,693
Number of loans:	99,648
Number of borrowers:	90,750
Number of properties:	97,026
WA remaining term (in months):	306
WA seasoning (in months):	69

Details on LTV

WA unindexed LTV (*)	55.0%
WA Indexed LTV:	n/a
Valuation type:	Lending Value
LTV threshold:	60.0%
Junior ranks:	n/d
Loans with Prior Ranks:	4.8%

Specific Loan and Borrower characteristics

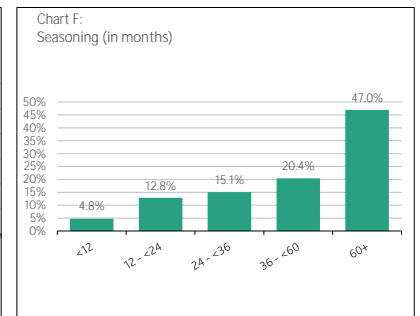
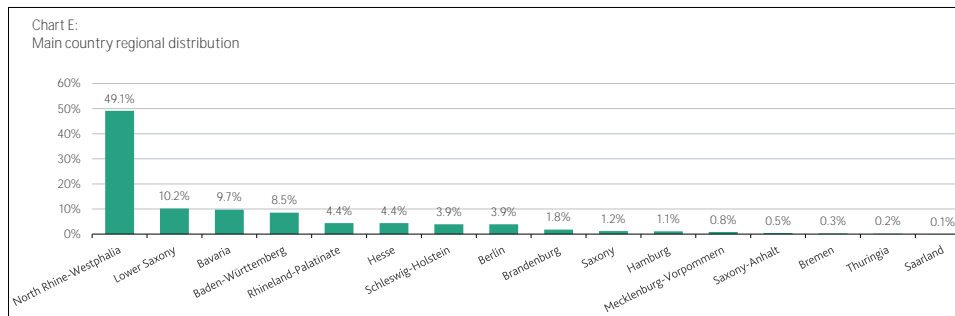
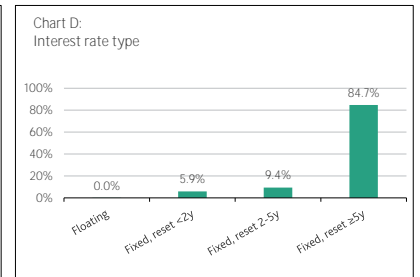
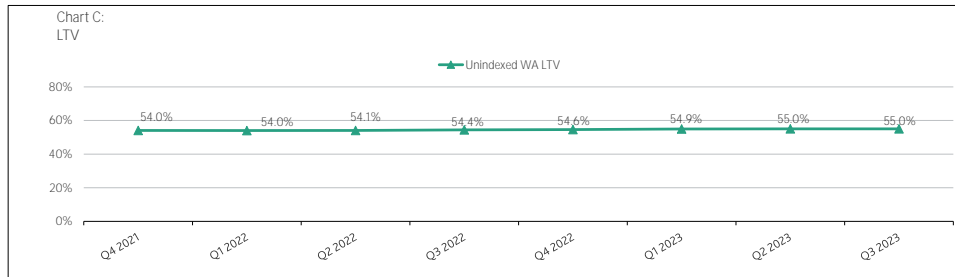
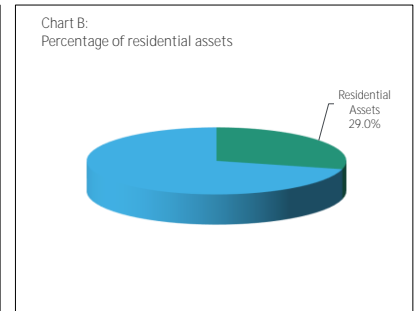
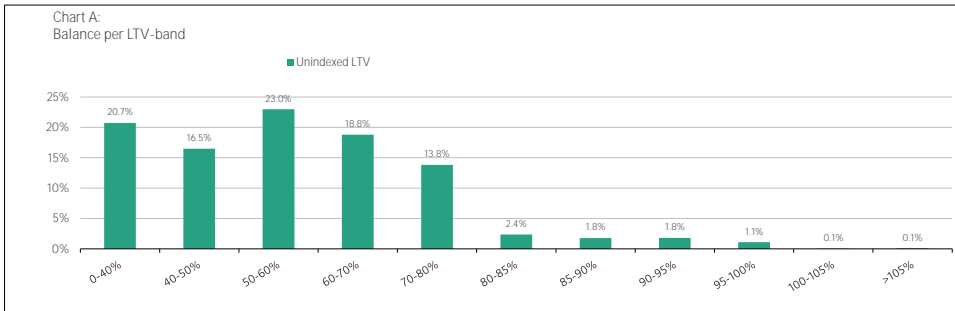
Loans with an external guarantee in addition to a mortgage:	n/a
Interest only Loans	3.0%
Loans for second homes / Vacation:	0.0%
Buy to let loans / Non owner occupied properties:	17.0%
Limited income verified:	0.0%
Adverse credit characteristics (**)	0.0%

Performance

Loans in arrears (≥ 2months - < 6months):	0.1%
Loans in arrears (≥ 6months - < 12months):	0.0%
Loans in arrears (≥ 12months):	0.0%
Loans in a foreclosure procedure:	0.0%

Multi-Family Properties

Loans to tenants of tenant-owned Housing Cooperatives:	n/a
Other type of Multi-Family loans (***)	n/a



(note *) may be based on property value at time of origination or further advance or borrower refinancing.
 (note **) Typically borrowers with a previous personal bankruptcy or borrowers with record of court claims against them at time of origination.
 (note ***) This "other" type refers to loans directly to Housing Cooperatives and to Landlords of Multi-Family properties (not included in Buy to Let).

VIII. Cover Pool Information - Commercial Assets

Overview

Asset type:	Commercial
Asset balance:	27,975,951,793
Average loan balance:	2,040,109
Number of loans:	13,712
Number of borrowers:	9,007
Largest 10 borrowers:	6.0%
Number of properties:	16,225
Main countries:	Germany (95.2%), Netherlands (2.5%), France (1.0%)

Specific Loan and Borrower characteristics

Bullet loans:	35.7%
Main currencies:	EUR (98.9%), GBP (0.9%), SEK (0.2%)
Fixed rate loans:	85.0%
Non-recourse to sponsor/initiator:	n/d

Details on Loan Underwriting

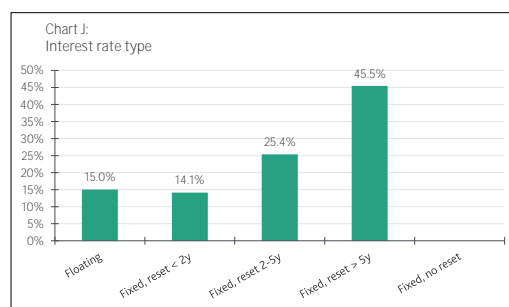
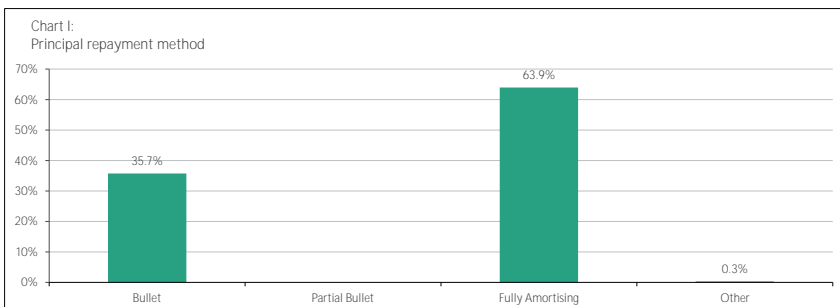
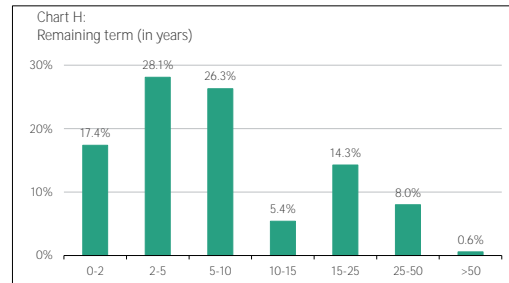
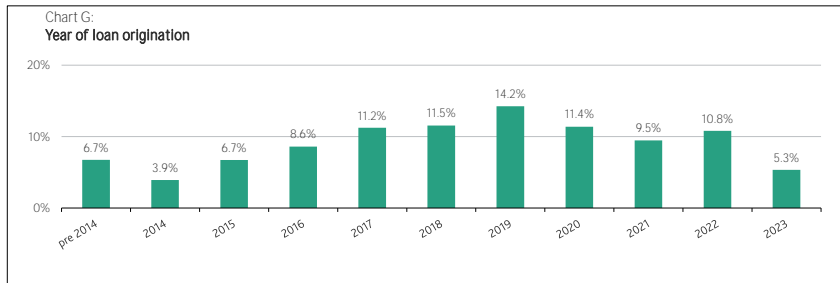
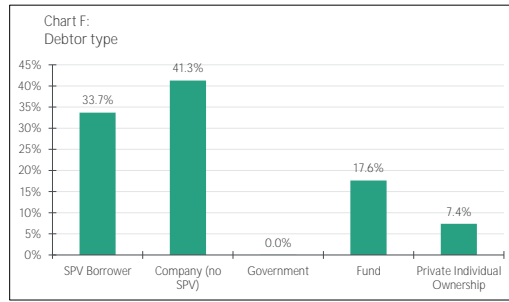
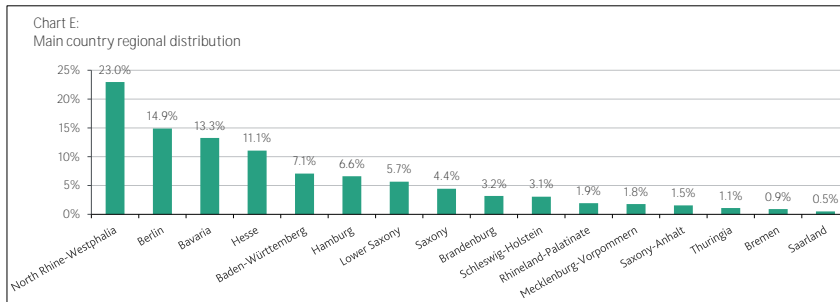
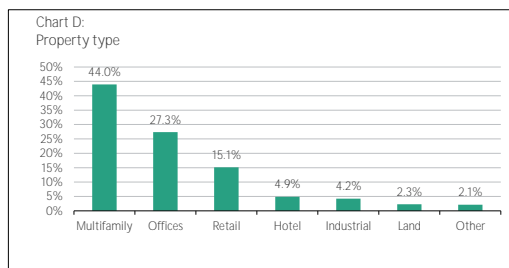
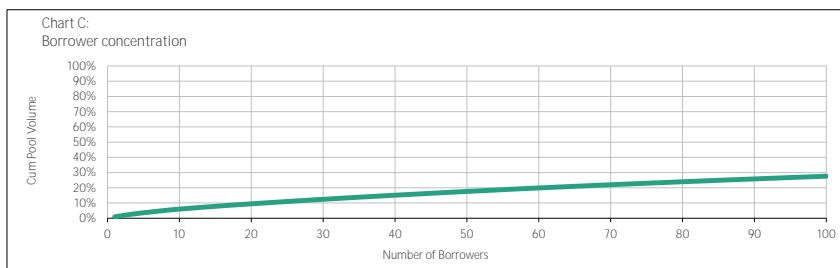
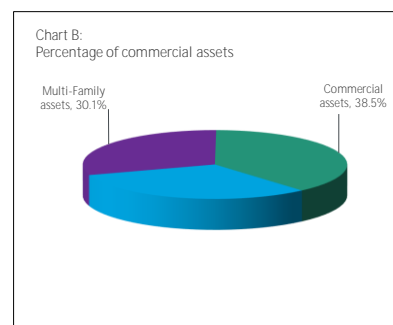
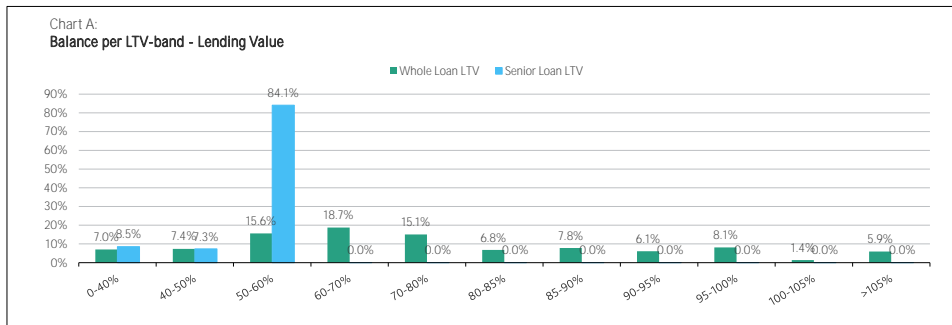
WA DSCR:	n/d
WA loan seasoning (in months):	61
WA remaining term (in months):	113

Details on LTV

WA LTV(*):	71.9%
WA Current LTV(**):	n/a
Valuation type:	Lending Value
LTV Threshold:	60.0%

Performance

Loans in arrears ≥ 2 months:	0.0%
Loans in a foreclosure procedure:	0.0%



(note *) Based on whole loan and property value at origination.
 (note **) Based on whole loan and updated property value.

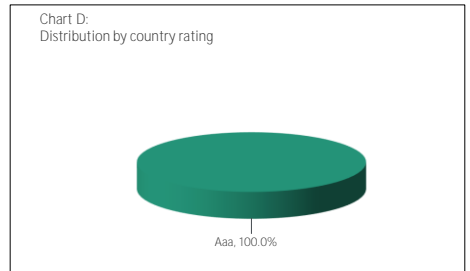
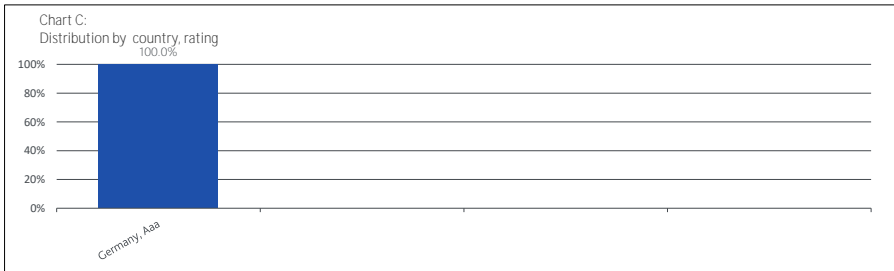
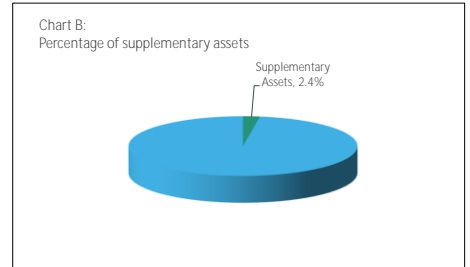
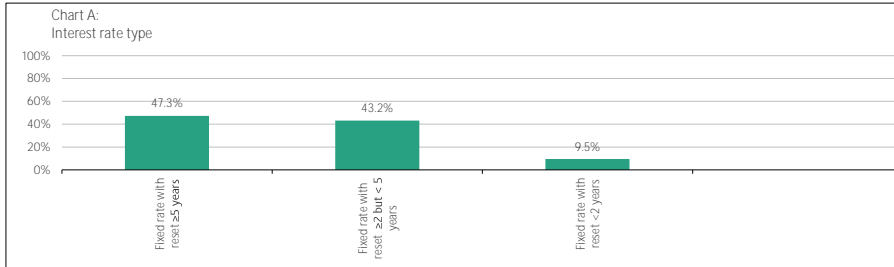
IX. Cover Pool Information - Supplementary Assets

Overview

	Supplementary Assets
Asset type:	Supplementary Assets
Asset balance:	972,000,000
WA remaining Term (in months):	70
Number of assets:	26
Number of borrowers:	2
Average assets size:	37,384,615
Average exposure to borrowers:	486,000,000

Specific Loan and Borrower characteristics

Repo eligible assets:	98.5%
Percentage of fixed rate assets:	100.0%
Percentage of bullet assets:	100.0%
Assets in non-domestic currency:	0.0%
Performance	
Assets in arrears (≥ 2months - < 6months):	0.0%
Assets in arrears (≥ 6months - < 12months):	0.0%
Assets in arrears (> 12months):	0.0%
Assets in a enforcement procedure:	0.0%



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