

Landesbank Hessen-Thueringen GZ - Mortgage Covered Bonds

Covered Bonds / Germany

Lenhard, Martin - +49 (697) 073-0743 - Martin.Lenhard@moodys.com Contacts

30/06/2022

Zeidler, Elisabeth - +44 (207) 772-5283 - elisabeth.zeidler@moodys.com

All amounts in EUR (unless otherwise specified)

Monitor.CB@moodys.com Monitoring

Client Service Desk London: +44 20 7772-5454, csdlondon@moodys.com Click on the icon to download data into Excel & to see Glossary of terms used Click <u>here</u> to access the covered bond programme webpage on moodys.com

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)

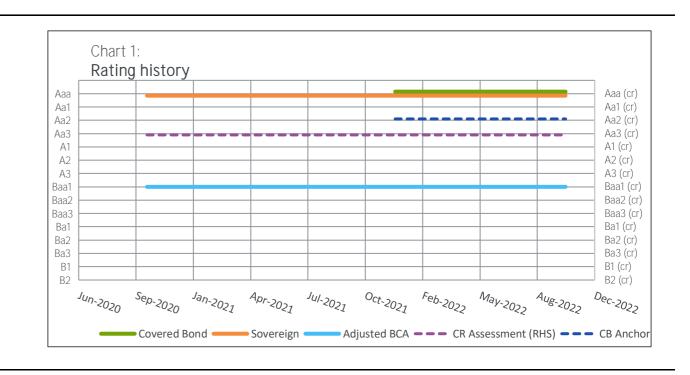
I. Programme Overview

Reporting as of:

Year of initial rating assignment: 2021 Total outstanding liabilities: EUR 8,178,647,673 Total assets in the Cover Pool: EUR 16,179,547,098 Issuer name / CR Assessment: Landesbank Hessen-Thüringen / Aa3(cr) Group or parent name / CR Assessment: Main collateral type: Commercial

Ratings

Ratings	
Covered bonds rating:	Aaa
Entity used in Moody's EL & TPI analysis:	Landesbank Hessen-Thueringen GZ
CB anchor:	Aa2
CR Assessment:	Aa3(cr)
Adjusted BCA / SUR:	baa1 / Aa3
Unsecured claim used for Moody's EL analysis:	Yes

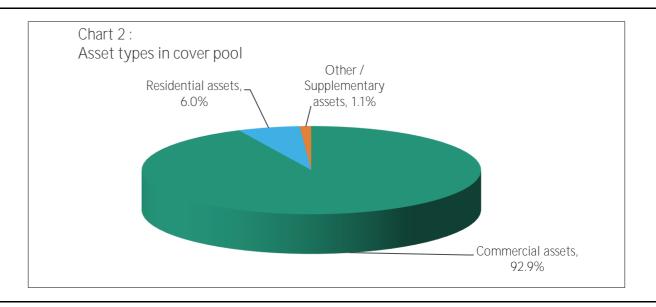


II. Value of the Cover Pool

Collateral quality Collateral Score: 12.4% Collateral Score excl. systemic risk: 12.2%

Cover Pool losses

Collateral Risk (Collateral Score post-haircut):	8.3%	39%
Market Risk:	12.7%	61%
	21.0%	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

2.0%
102.1%
1.5%

Sensitivity scenario CB anchor

IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI): High TPI Leeway:

Extract from TPI table

Aaa
Aaa
Aa1

Legal framework

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

Timely payment

Refinancing period for principal payments of 6 months or greater:	Yes
Liquidity reserve to support timely payments on all issuances:	Yes
Principal Payment	Soft Bullet

(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 accepts no responsibility for the information provided to it and, whilst it believes the assumptions it has made are reasonable, cannot quarantee 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 anytime at Moody's discretion.

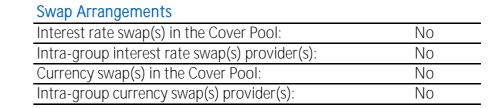
(note 3) This is the minimum OC calculated to be consistent with the current rating under Moody's expected loss model. However, the level of OC consistent with a given rating level may differ from this amount where ratings are capped under the TPI framework and, for example, where

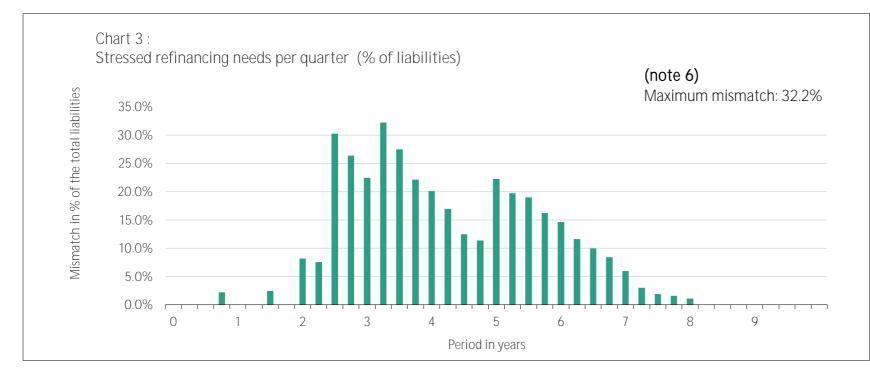
committee discretion is applied. (note 4) The OC consistent with the current rating is the minimum level of over-collateralisation which is necessary to support the covered bond rating at its current level on the basis of the pool as per the cut-off date. The sensitivity run is based on certain assumptions, 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.

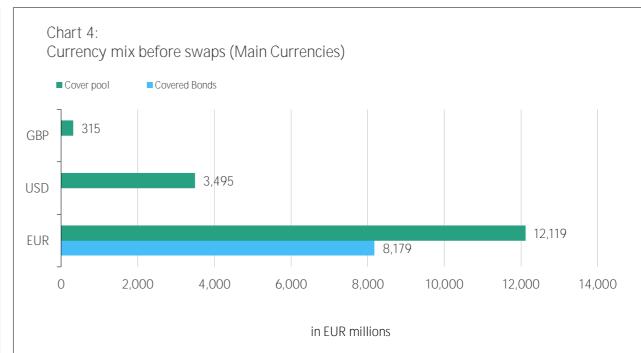
V. Asset Liability Profile

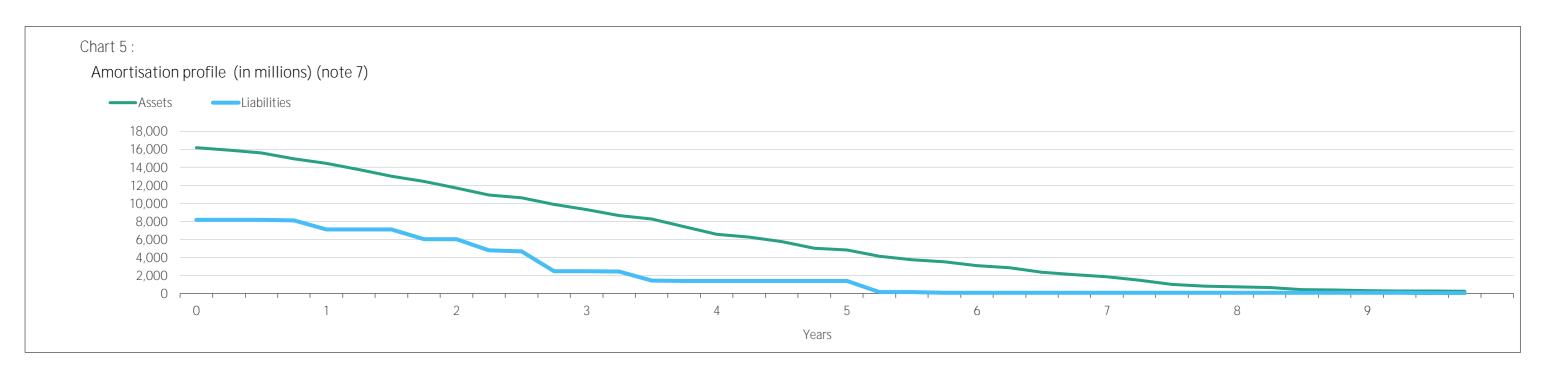
Interest Rate & Duration Mismatch (note 5)

interest rate & Duration Mismatch (note 5)	
Fixed rate assets in the cover pool:	61.3%
Fixed rate covered bonds outstanding:	81.9%
WAL of outstanding covered bonds:	2.7 years
WAL of the cover pool:	3.7 years

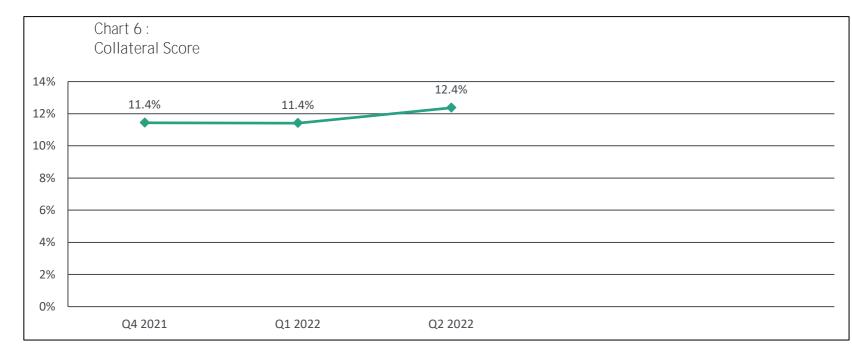




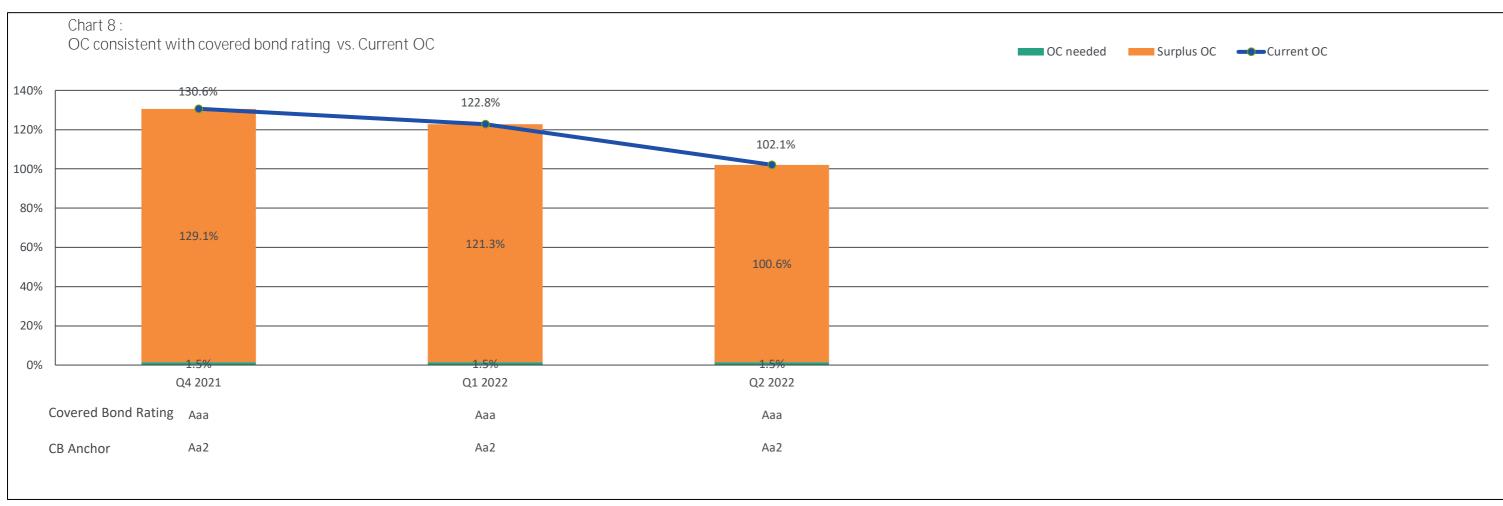




VI. Performance Evolution







This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the issuer/deal page on https://ratings.moodys.com for the most updated credit rating action information and rating history.

(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.

Landesbank Hessen-Thueringen GZ - Mortgage Covered Bonds

VII. Cover Pool Information - Residential Assets

Overview

Asset type:	Residential
Asset balance:	966,506,091
Average loan balance:	143,851
Number of loans:	6,718
Number of borrowers:	6,156
Number of properties:	6,134
WA remaining term (in months):	51_
WA seasoning (in months):	45

Details on LTV

WA unindexed LTV (*)	75.4%
WA Indexed LTV:	n/a
Valuation type:	Lending Value
LTV threshold:	60.0%
Junior ranks:	n/d
Loans with Prior Ranks:	0.0%

Specific Loan and Borrower characteristics

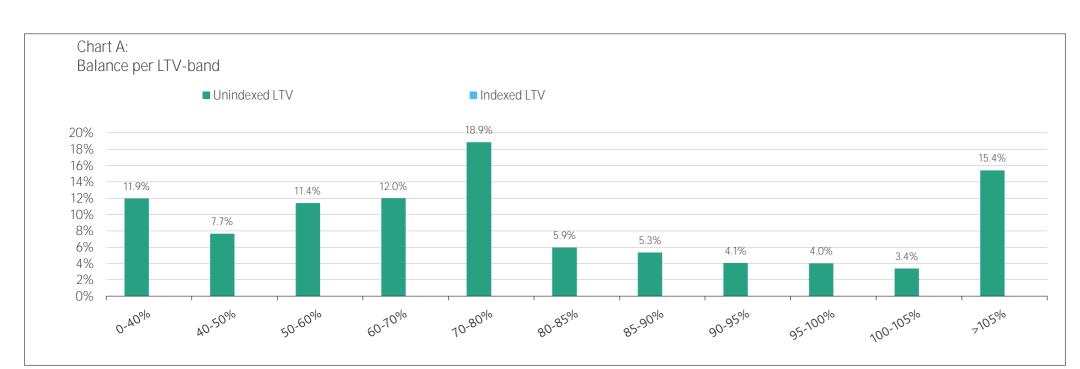
Loans with an external guarantee in addition to a mortgage:	n/a
Interest only Loans	9.1%
Loans for second homes / Vacation:	0.0%
Buy to let loans / Non owner occupied properties:	0.0%
Limited income verified:	0.0%
Adverse credit characteristics (**)	0.0%

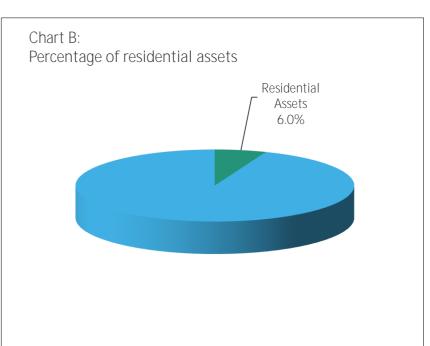
Performance

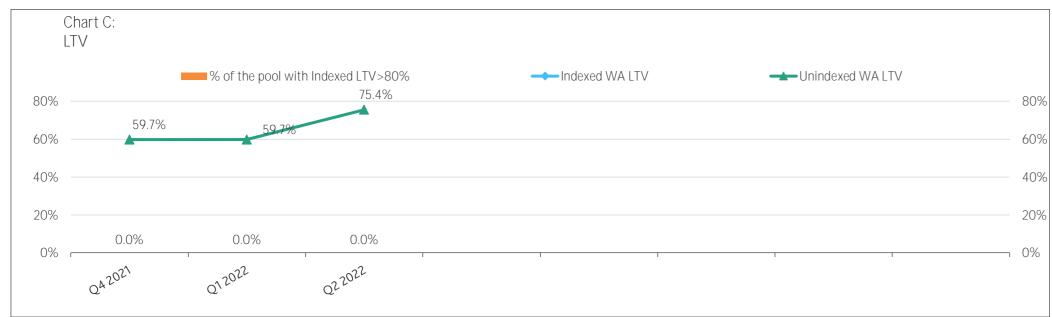
-	Loans in arrears (≥ 2months - < 6months):	0.0%
-	Loans in arrears (≥ 6months - < 12months):	0.0%
-	Loans in arrears (≥ 12months):	0.0%
•	Loans in a foreclosure procedure:	0.0%

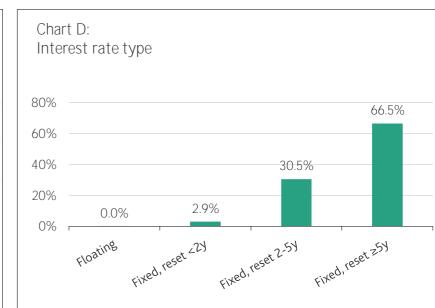
Multi-Family Properties

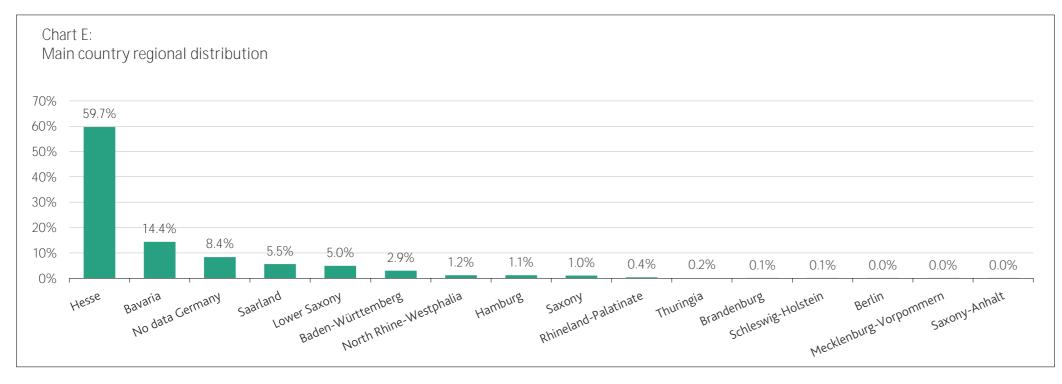
mari rannij rroportios	
Loans to tenants of tenant-owned Housing Cooperatives:	n/a
Other type of Multi-Family loans (***)	n/a

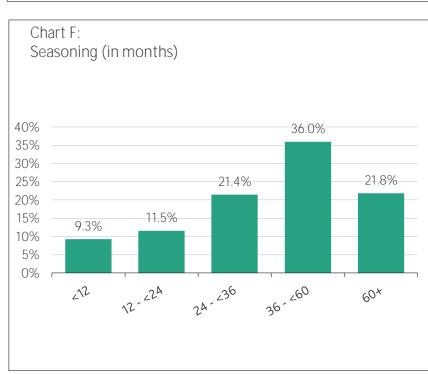












(note *) may be based on property value at time of origination or further advance or borrower refinancing. In Q1 2022 it was calculated on the basis of eligible loan parts and property mortgage lending values while for this performance overview, the whole-loan LTV was reported. (note **) Typically borrowers 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

\cap	verv	IOW
\cup	vel v	IEW

Asset type:	Commercial
Asset balance:	15,037,476,413
Average loan balance:	5,408,749
Number of loans:	2,780
Number of borrowers:	2,223
Largest 10 borrowers:	10.3%
Number of properties:	4,040
Main countries:	Germany (46.6%), USA (22.7%), France (8.5%)

	Sp	ecific	Loan	and	Borrower	characteris	tics
--	----	--------	------	-----	----------	-------------	------

opecine Eddir and Borrower characteristics	
Bullet loans:	66.1%
Main currencies:	EUR (73.5%), USD (22.7%), GBP (2.1%)
Fixed rate loans:	60.0%
Non-recourse to sponsor/initiator:	n/d

Details on Loan Underwriting

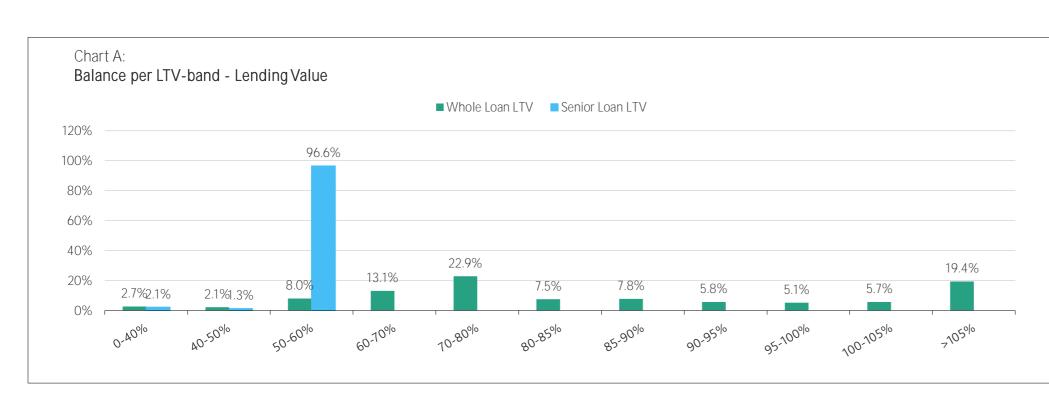
WA DSCR:	n/e
WA loan seasoning (in months):	55
WA remaining term (in months):	44

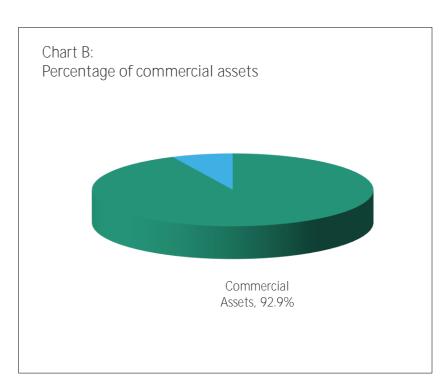
Details on LTV

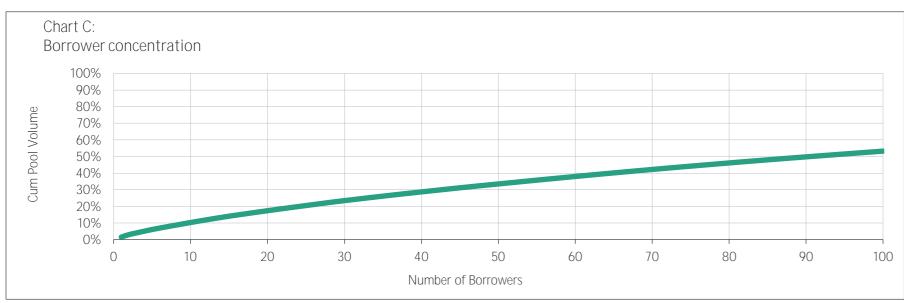
WA LTV(*):	86.2%
WA Current LTV(**):	n/c
Valuation type:	Lending Value
LTV Threshold:	60.0%

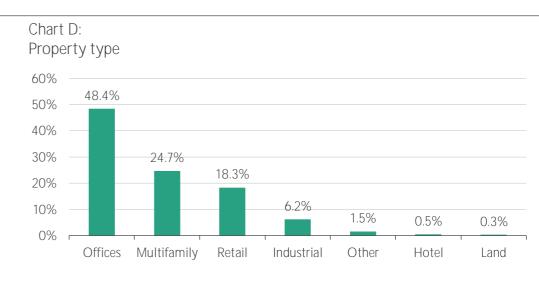
Performance

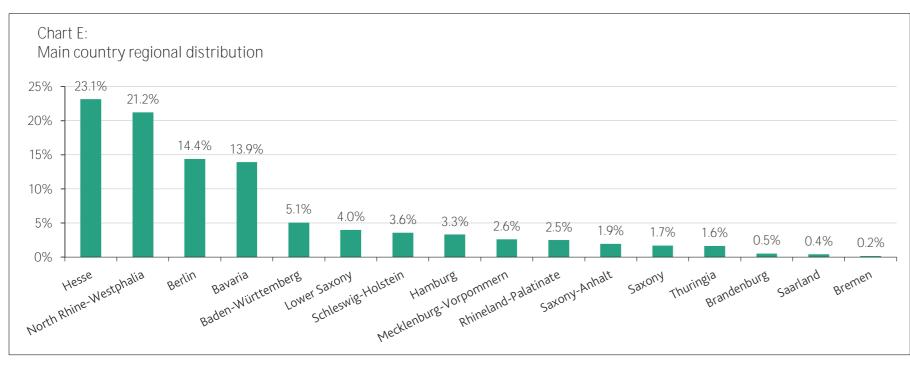
1 011 0111 1111 111	
Loans in arrears ≥ 2 months:	0.0%
Loans in a foreclosure procedure:	0.0%

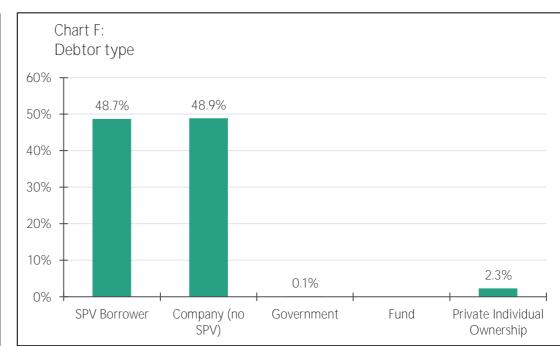


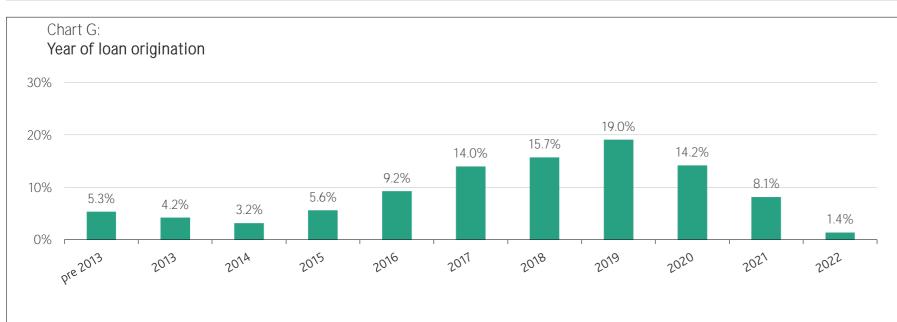


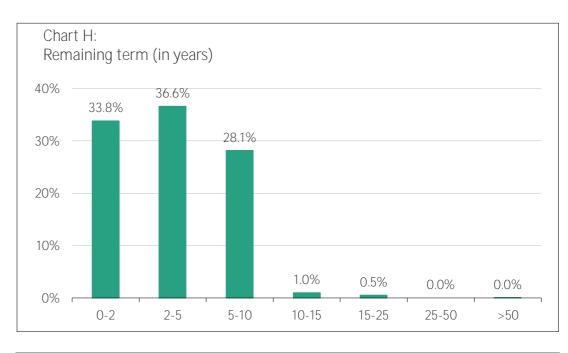


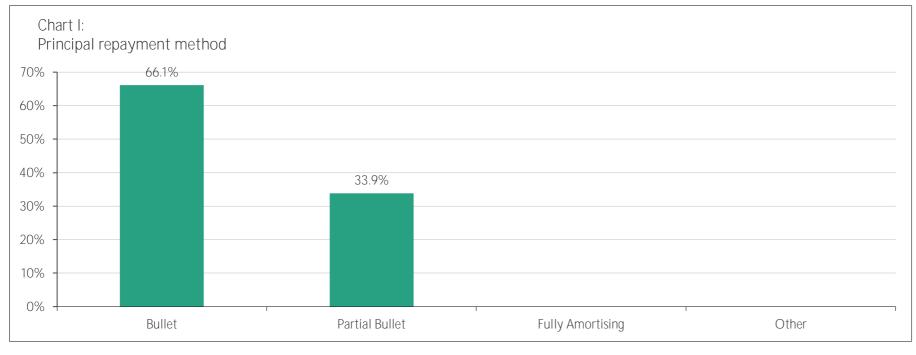


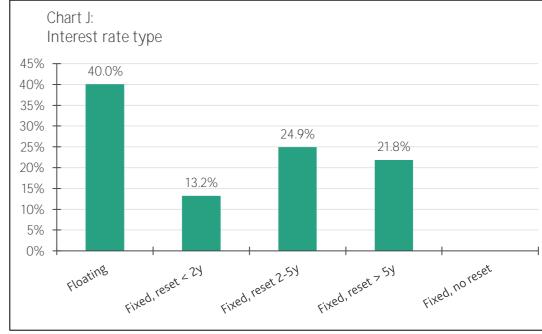












(note *) Based on whole loan and property value at origination. In Q1 2022 it was calculated on the basis of eligible loan parts and property mortgage lending values while for this performance overview, the whole-loan LTV was reported. (note **) Based on whole loan and updated property value.

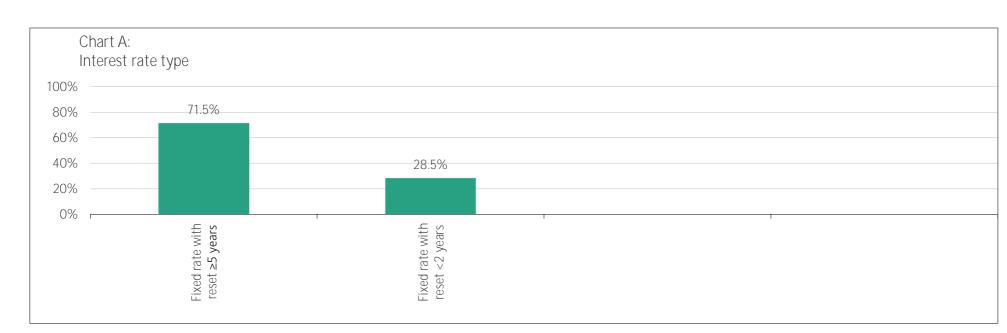
IX. Cover Pool Information - Supplementary Assets

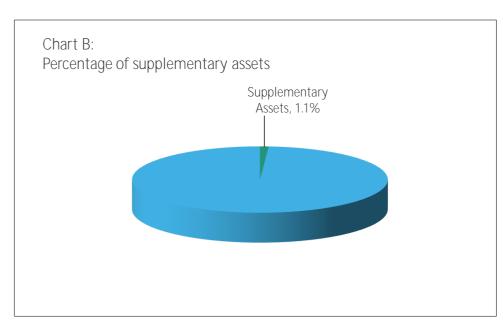
Overview

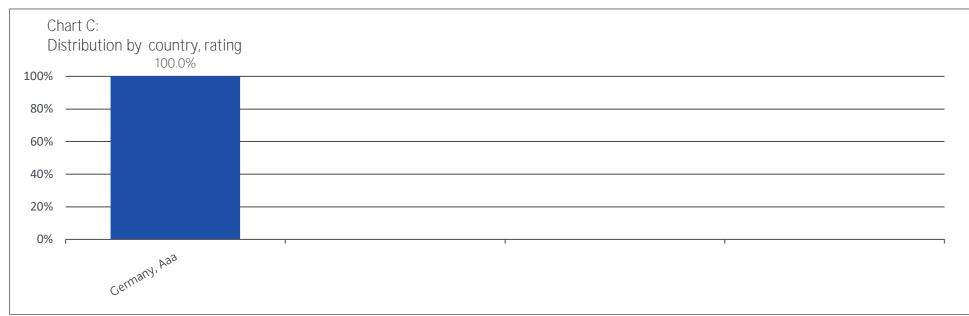
Asset type:	Supplementary Assets
Asset balance:	175,564,594
WA remaining Term (in months):	73
Number of assets:	3
Number of borrowers:	3
Average assets size:	58,521,531
Average exposure to borrowers:	58,521,531

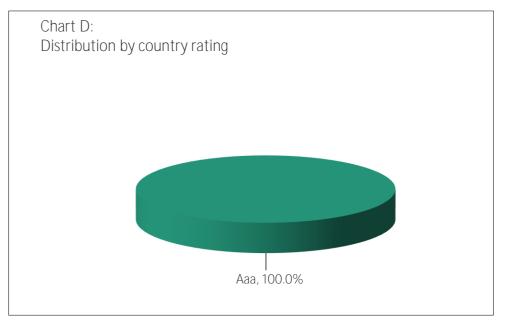
Specific Loan and Borrower characteristics

Repo eligible assets:	85.4%
Percentage of fixed rate assets:	100.0%
Percentage of bullet assets:	14.6%
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%









X. Liabilities Information: Last 50 Issuances

ISIN	Series		Outstanding	Issuance	Expected	Extended	Interest Rate		Princi
	Number	Currency	Amount	Date	Maturity	Maturity	Type	Coupon	Payme
DE000HLB7515	n/d	EUR	975,000,000	27/06/2022	27/12/2024	27/12/2025	Floating rate	6-Monats-EURIBOR + 30 bps	Soft Bu
DE000HLB42D1	n/d	EUR	500,000,000	20/06/2022	20/06/2024	20/06/2025	Floating rate	6-Monats-EURIBOR + 50 bps	Soft Bu
DE000HLB4116	n/d	EUR	35,000,000	18/02/2022	18/02/2026	18/02/2027	Fixed rate	0.500%	Soft Bu
XS2446114600	n/d	EUR	100,000,000	17/02/2022	25/10/2024	25/10/2025	Fixed rate	0.250%	Soft Bu
XS2433126807	n/d	EUR	1,250,000,000	19/01/2022	19/07/2027	19/07/2028	Fixed rate	0.010%	Soft Bu
XS2106576494	n/d	EUR	1,250,000,000	22/01/2020	22/01/2025	22/01/2026	Fixed rate	0.010%	Soft Bu
DE000HLB4YL4	n/d	EUR	10,000,000	14/01/2020	14/01/2030	14/01/2031	Fixed rate	0.100%	Soft Bu
XS2022037795	n/d	EUR	750,000,000	03/07/2019	03/07/2024	03/07/2025	Zero Bond	Zero	Soft Bu
XS2001346480	n/d	EUR	50,000,000	23/05/2019	14/12/2027	14/12/2028	Fixed rate	0.250%	Soft Bu
XF0000HEYMS8	n/d	EUR	5,000,000	26/02/2019	26/02/2027	26/02/2028	Fixed rate	0.525%	Soft Bu
XS1883355601	n/d	EUR	1,000,000,000	25/09/2018	25/09/2025	25/09/2026	Fixed rate	0.500%	Soft Bu
XS1793271716	n/d	EUR	1,000,000,000	20/03/2018	20/03/2023	20/03/2024	Fixed rate	0.250%	Soft Bu
XS1767931477	n/d	EUR	1,000,000,000	08/02/2018	08/02/2024	08/02/2025	Fixed rate	0.375%	Soft Bu
XF0000HEYBC5	n/d	EUR	7,000,000	17/01/2018	19/01/2026	19/01/2027	Fixed rate	0.565%	Soft Bu
XF0000HEXZB8	n/d	EUR	5,000,000	26/01/2017	26/01/2027	26/01/2028	Fixed rate	0.662%	Soft Bu
DE000HLB1J20	n/d	EUR	66,000,000	13/01/2015	13/01/2023	13/01/2024	Fixed rate	0.500%	Soft Bu
XF0000HEW6A7	n/d	EUR	5,000,000	23/12/2014	23/01/2024	23/01/2025	Fixed rate	0.790%	Soft Bu
DE000HLB4J92	n/d	EUR	15,000,000	28/08/2014	28/08/2023	28/08/2024	Fixed rate	1.116%	Soft Bu
DE000HLB4LY4	n/d	EUR	3,000,000	11/04/2014	11/04/2024	11/04/2025	Floating rate	6-Monats-EURIBOR + 40 bps	Soft Bu
XF0000HEWQT1	n/d	EUR	2,647,673	30/03/2012	30/03/2023	30/03/2024	Zero Bond	Zero	Soft Bu
XF0000HEWAA5	n/d	EUR	50,000,000	15/01/2010	09/09/2031	09/09/2032	Fixed rate	4.010%	Soft Bu
XF0000HEWAB3	n/d	EUR	50,000,000	15/01/2010	12/09/2033	12/09/2034	Fixed rate	4.025%	Soft Bu
XF0000HEXJT4	n/d	EUR	20,000,000	03/02/2009	02/02/2024	02/02/2025	Fixed rate	4.570%	Soft Bu
XF0000HEXJE6	n/d	EUR	20,000,000	28/01/2009	29/01/2024	29/01/2025	Fixed rate	4.660%	Soft Bu
XF0000HEXHJ9	n/d	EUR	10,000,000	19/08/2005	19/08/2025	19/08/2026	Fixed rate	3.765%	Soft Bu

© 2022 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing its Publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit ratings processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moodys.com under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australia Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY100,000 to approximately JPY550,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements

