

Landesbank Hessen-Thüringen GZ - Public-Sector Covered Bonds

Covered Bonds / Germany

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Reporting as of: 31/12/2023 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)

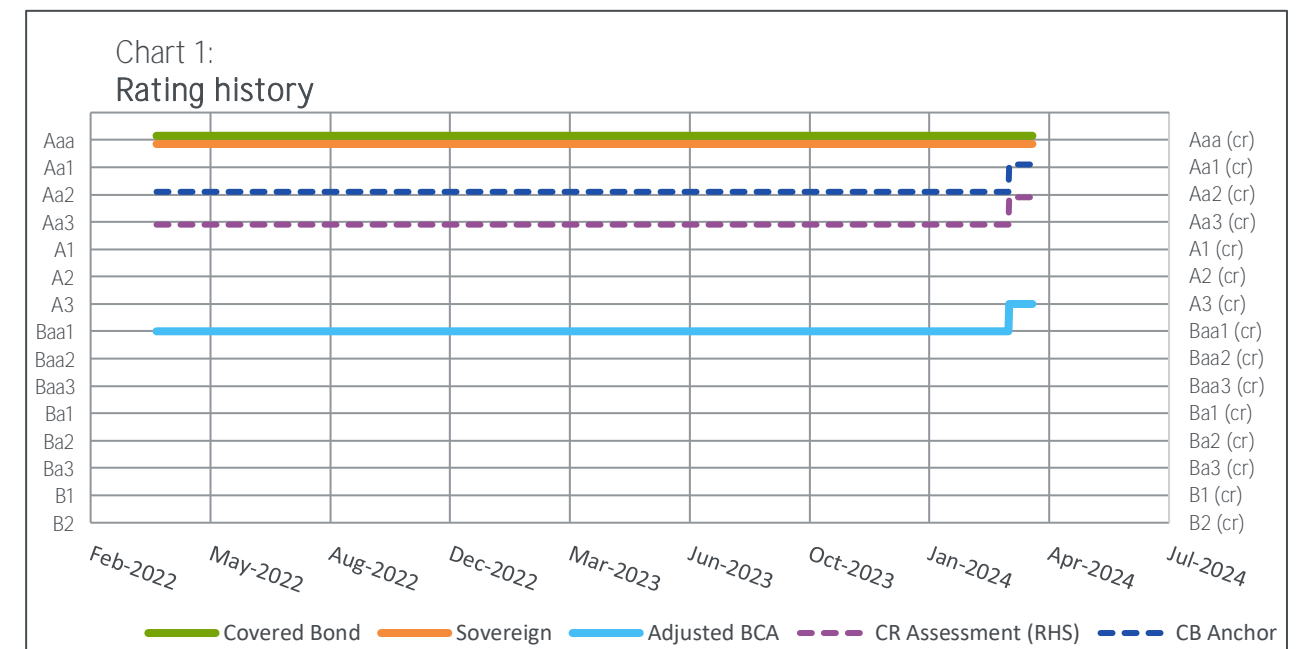
I. Programme Overview

Overview

Year of initial rating assignment:		1995
Total outstanding liabilities:	EUR	20,709,600,547
Total assets in the Cover Pool:	EUR	32,212,742,992
Issuer name / CR Assessment:	Landesbank Hessen-Thüringen GZ / Aa2(cr)	
Group or parent name / CR Assessment:	n/a	
Main collateral type:	Public Sector	

Ratings

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



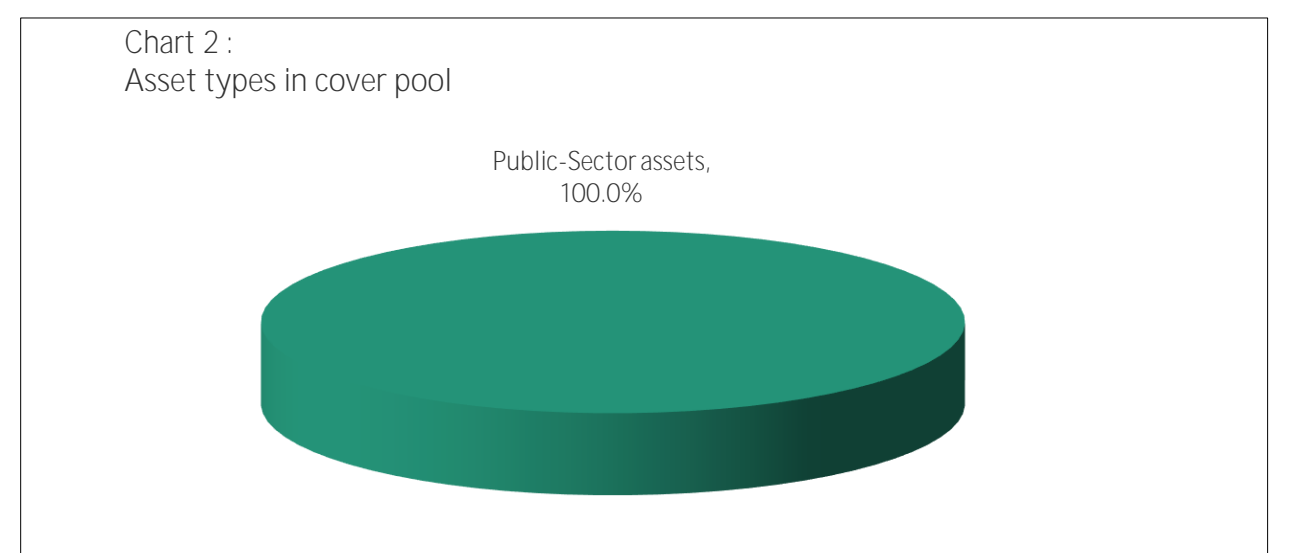
II. Value of the Cover Pool

Collateral quality

Collateral Score:	3.1%	
Collateral Score excl. systemic risk:	n/a	

Cover Pool losses

Collateral Risk (Collateral Score post-haircut):	1.6%	17%
Market Risk:	7.4%	83%
	9.0%	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. NPV stress assumptions applied as required by the legal framework for German Pfandbriefe.

Current situation

Committed OC (Stressed NPV):	2.0%	
Current OC (Unstressed NPV):	59.6%	
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	0.0%

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, Pfandbrief Act
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 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.

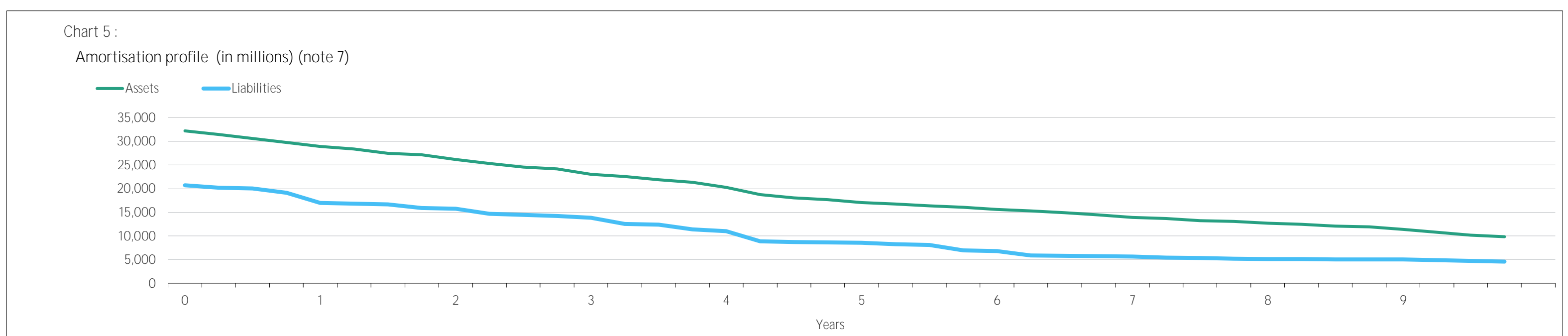
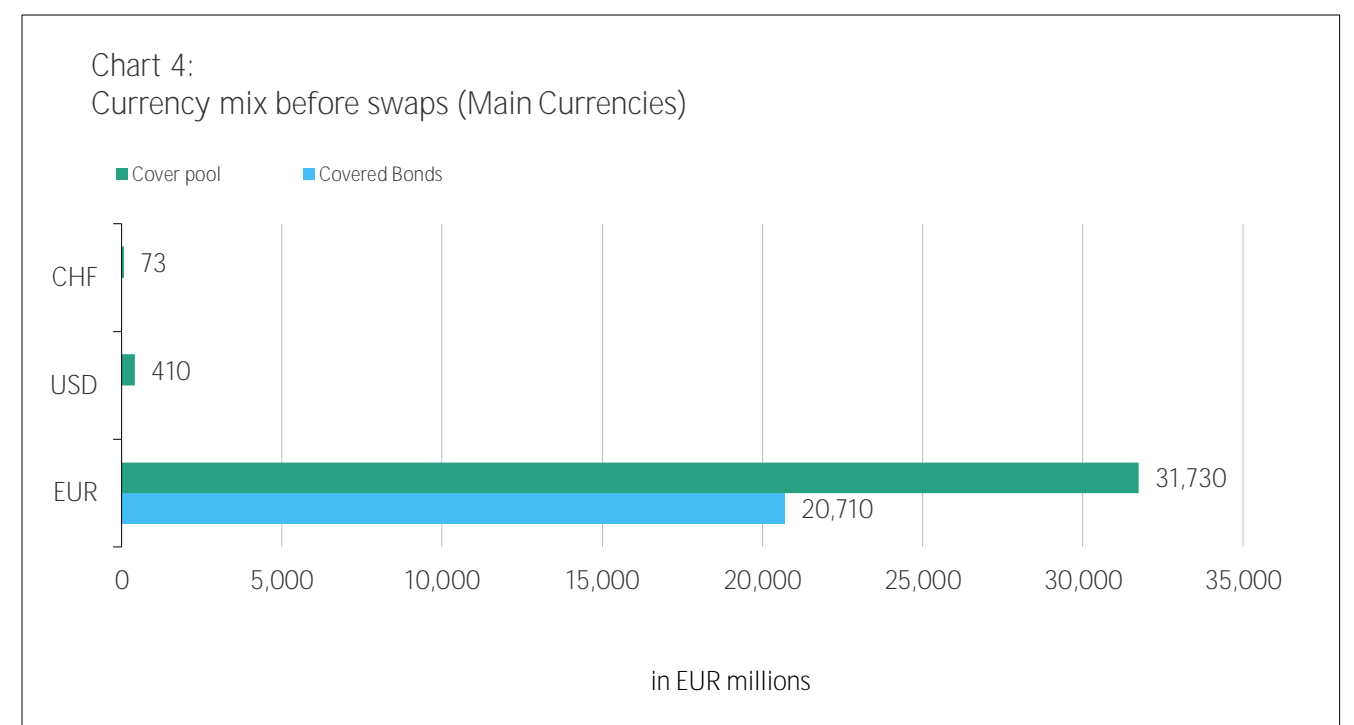
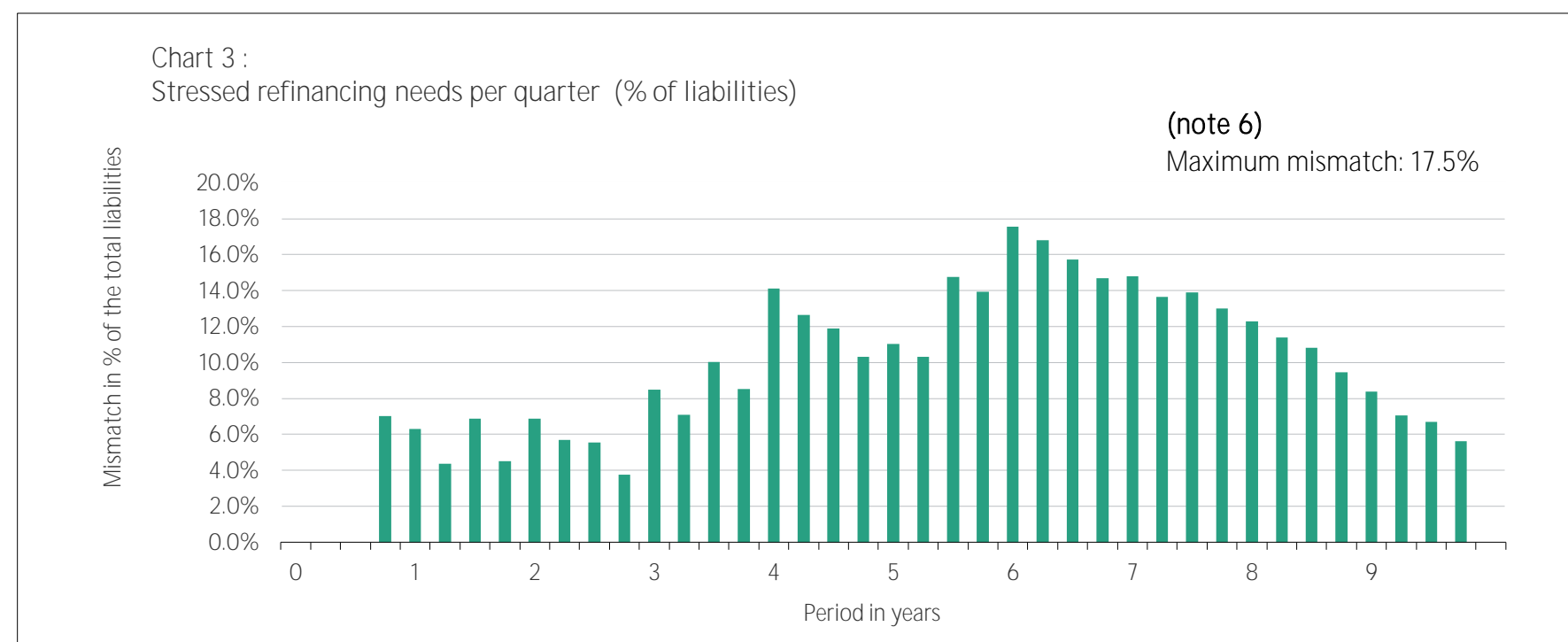
V. Asset Liability Profile

Interest Rate & Duration Mismatch (note 5)

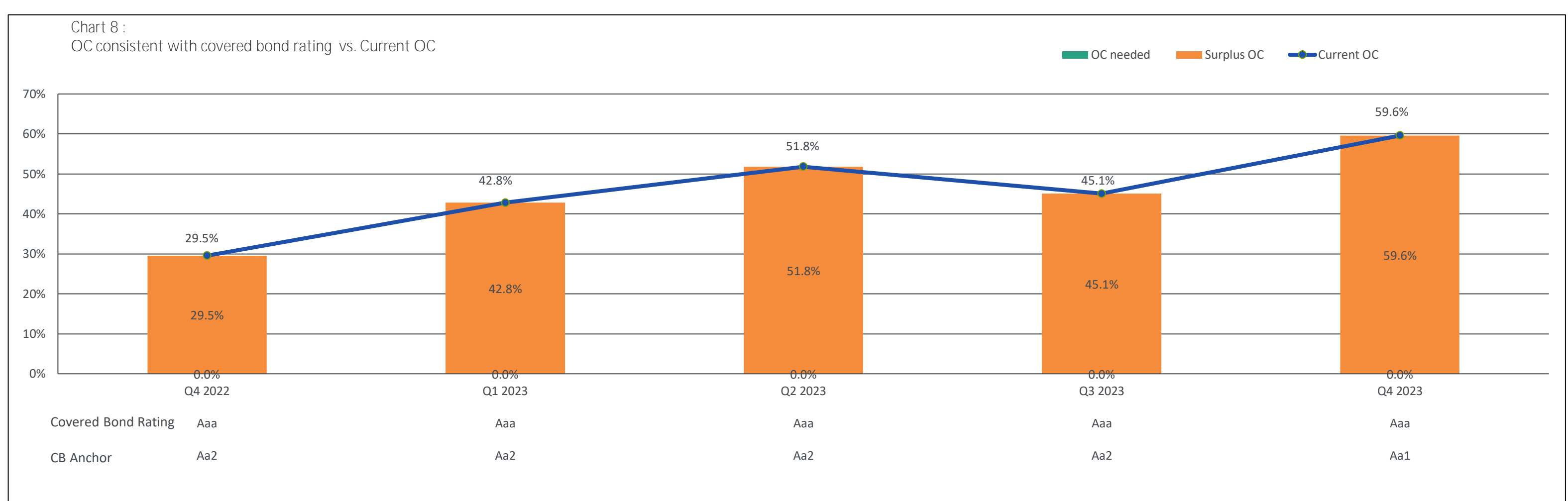
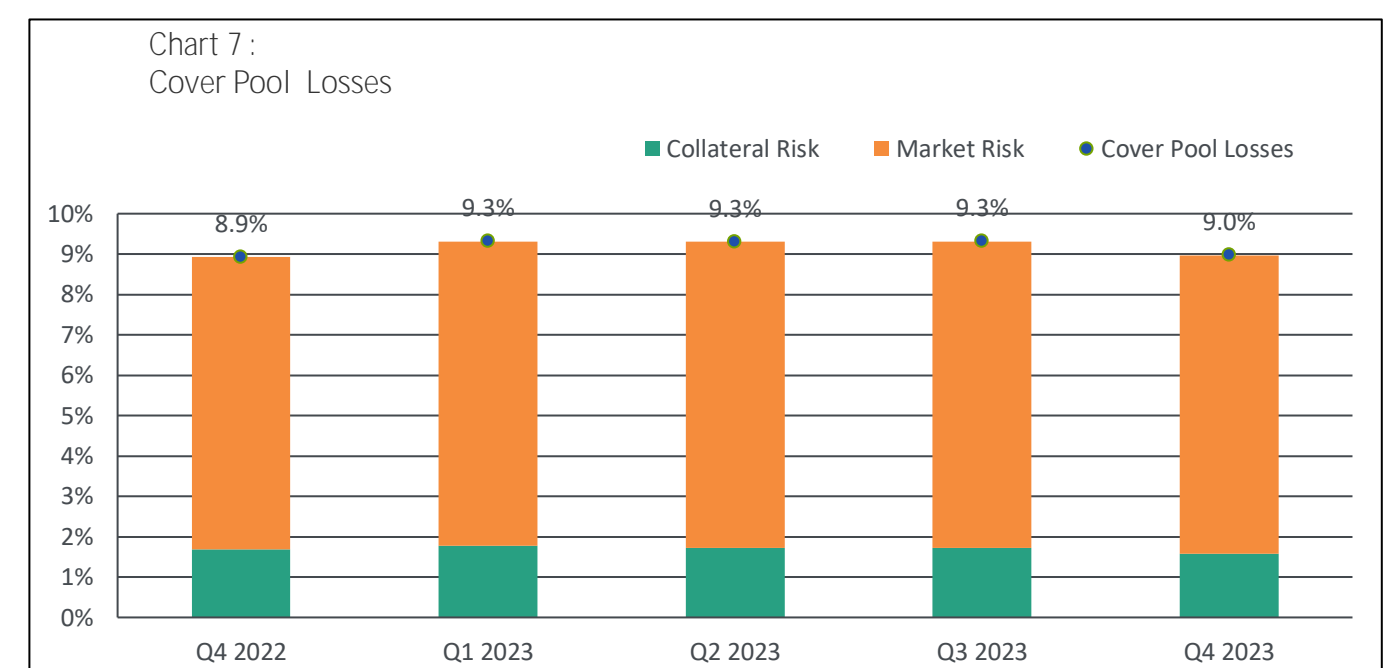
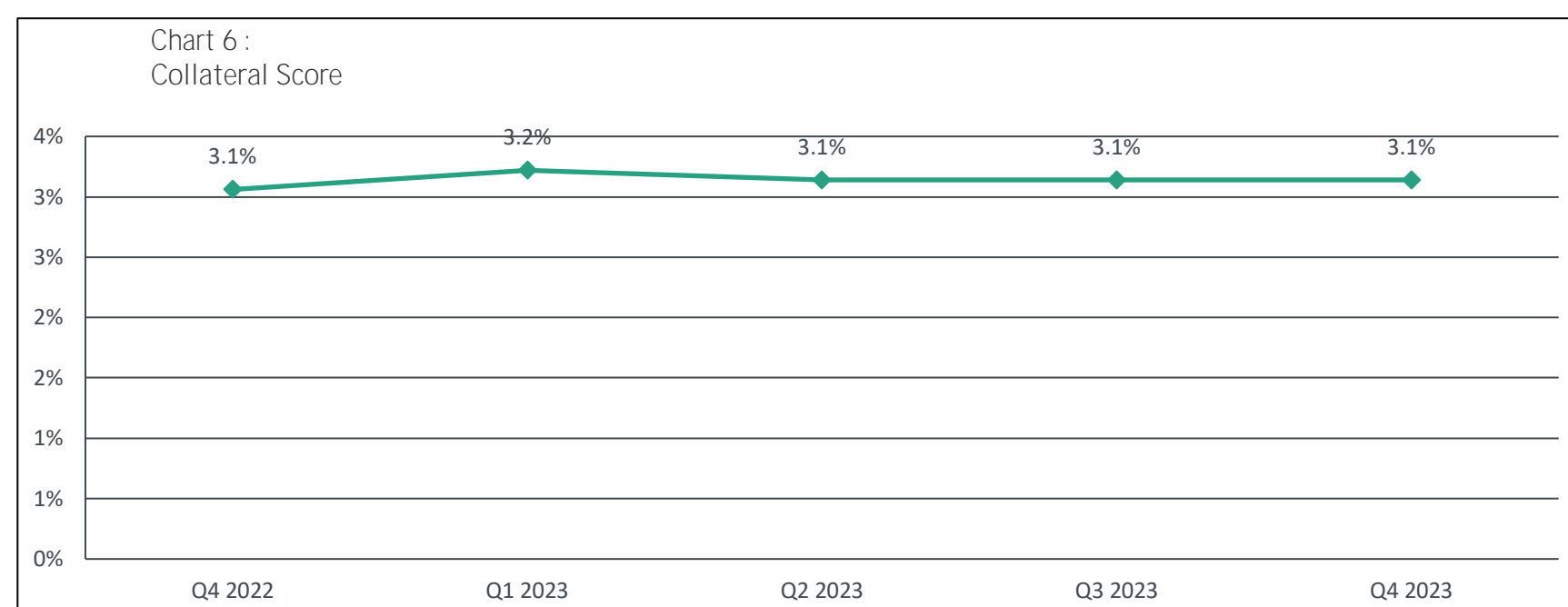
Fixed rate assets in the cover pool:	83.8%
Fixed rate covered bonds outstanding:	81.9%
WAL of outstanding covered bonds:	6.1 years
WAL of the cover pool:	8.6 years

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 swaps in place in Cover Pool, no prepayment and no further CB issuance.

VII. Cover Pool Information - Public Sector Assets

Overview

Asset type:	Public Sector
Asset balance:	32,212,742,992
WA remaining Term (in months):	172
Number of borrowers:	4,718
Number of loans / bonds:	19,449
Exposure to the 10 largest borrowers:	26.2%
Average exposure to borrowers:	6,827,627

Specific Loan and Borrower characteristics

Repo eligible loans / bonds:	1.6%
Percentage of fixed rate loans / bonds:	92.7%
Percentage of bullet loans/ bonds:	31.6%
Loans / bonds in non-domestic currency:	1.5%
Performance	
Loans / bonds in arrears (≥ 2months - < 6months):	0.0%
Loans / bonds in arrears (≥ 6months - < 12months):	0.0%
Loans / bonds in arrears (≥ 12months):	0.0%
Loans / bonds in a foreclosure procedure:	0.0%

	Germany	Belgium	Austria	Other	Totals
Direct claim against supranational	0.0%	0.0%	0.0%	0.0%	0.0%
Direct claim against sovereign	0.2%	0.0%	0.2%	0.0%	0.3%
Loan with guarantee of sovereign	0.3%	0.1%	0.0%	4.6%	4.9%
Direct claim against region/federal state	28.6%	0.0%	0.0%	0.5%	29.2%
Loan with guarantee of region/federal state	4.2%	0.0%	1.7%	0.0%	6.0%
Direct claim against municipality	53.1%	0.0%	0.0%	0.4%	53.6%
Loan with guarantee of municipality	2.4%	2.1%	0.0%	0.0%	4.4%
Others	1.6%	0.0%	0.0%	0.0%	1.6%
	90.4%	2.1%	1.9%	5.6%	

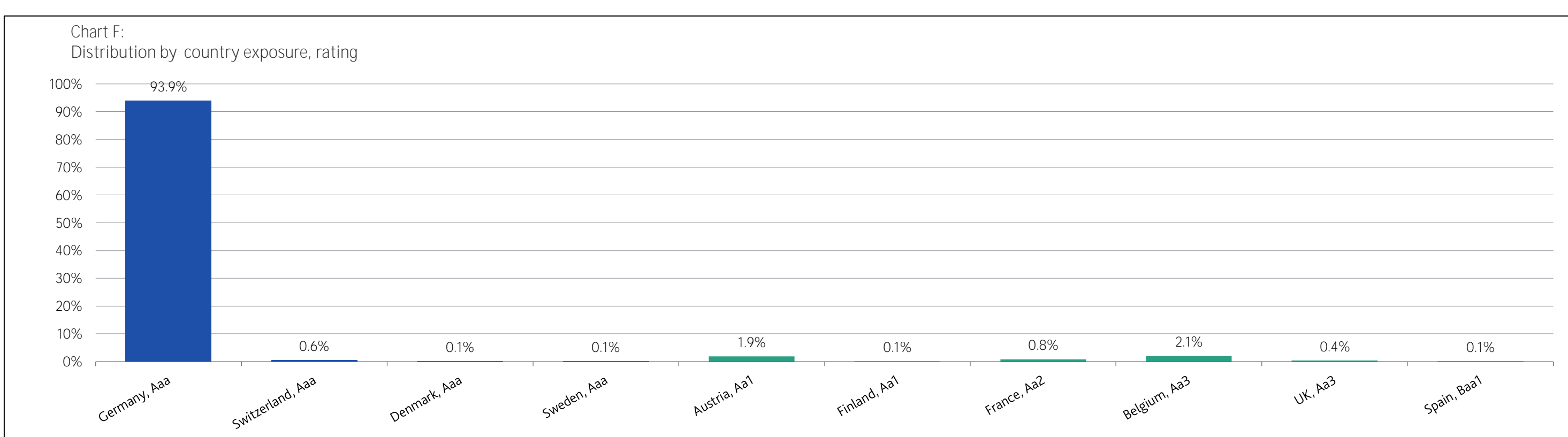
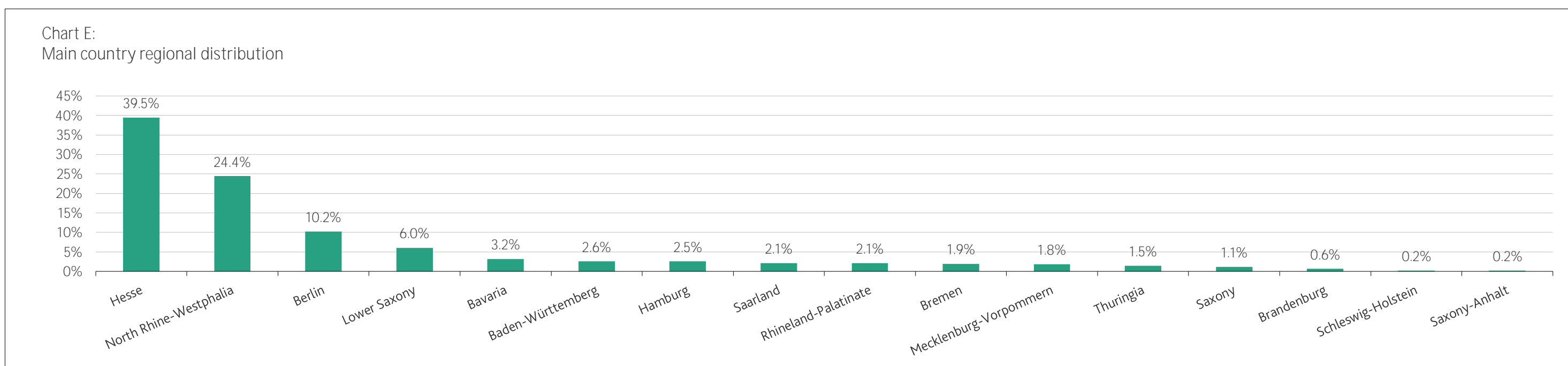
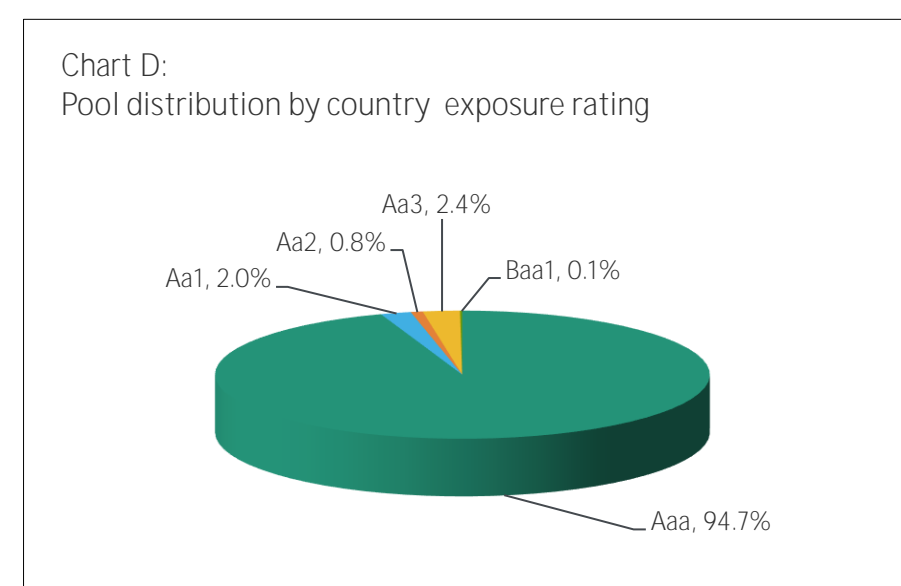
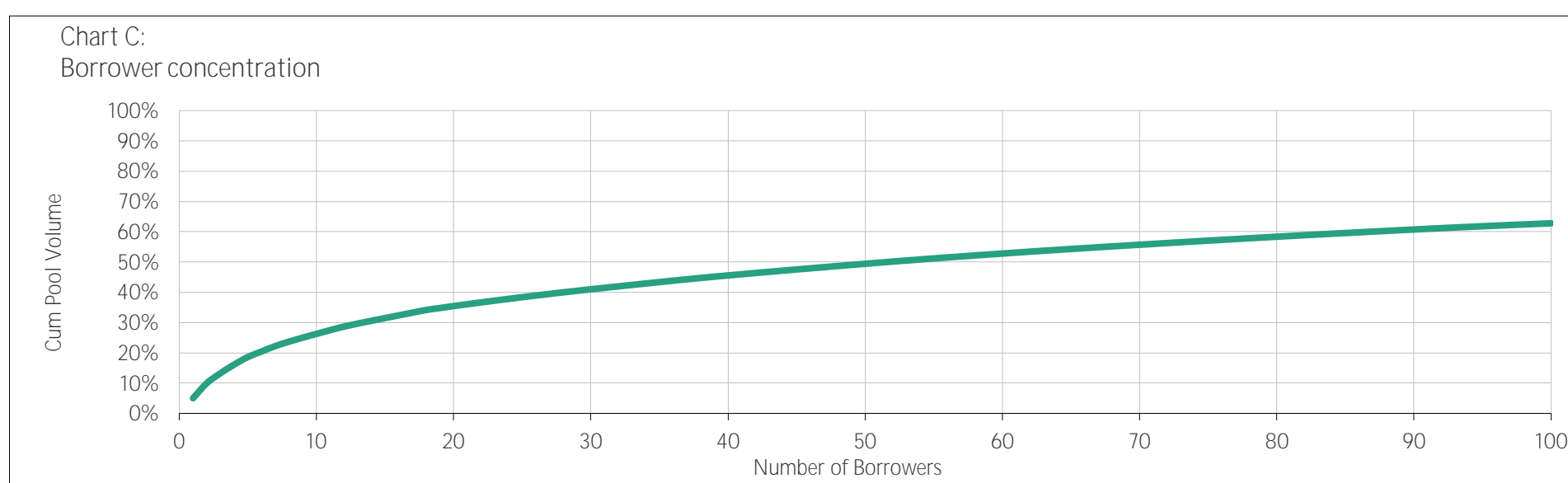
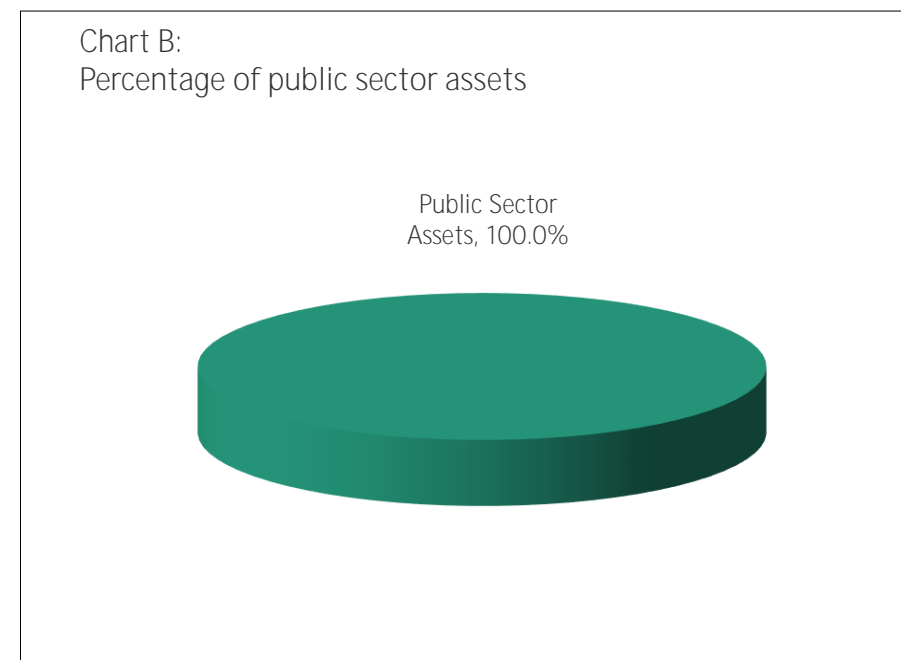


Table A and Chart C are based on debtor data. Charts D, E and F are based on guarantor data or, on unavailability of such information, on debtor data, as reported by the issuer.
Landesbank Hessen-Thüringen GZ - Public-Sector Covered Bonds

VIII. Liabilities Information: Last 50 Issuances

ISIN	Series Number	Currency	Outstanding Amount	Issuance Date	Expected Maturity	Extended Maturity	Interest Rate Type	Coupon	Principal Payment
DE000HLB43N8	n/d	EUR	10,000,000	30/11/2023	30/11/2033	30/11/2034	Fixed rate	3.285%	Soft Bullet
XF0000HEZ8R4	n/d	EUR	6,000,000	16/11/2023	16/11/2043	16/11/2044	Fixed rate	3.490%	Soft Bullet
XF0000HEZ8Q6	n/d	EUR	15,000,000	31/10/2023	31/10/2046	31/10/2047	Fixed rate	4.185%	Soft Bullet
XS2711420054	n/d	EUR	750,000,000	31/10/2023	31/08/2027	31/08/2028	Fixed rate	3.500%	Soft Bullet
XF0000HEZL86	n/d	EUR	3,000,000	30/09/2023	30/09/2028	30/09/2029	Floating rate	12-Monats-EURIBOR + 0 bps	Soft Bullet
XF0000HEZ794	n/d	EUR	15,000,000	29/09/2023	29/09/2048	29/09/2049	Fixed rate	4.053%	Soft Bullet
XS2673929944	n/d	EUR	1,000,000,000	29/08/2023	20/01/2028	20/01/2029	Fixed rate	3.375%	Soft Bullet
XF0000HEZ7X4	n/d	EUR	5,000,000	17/08/2023	17/08/2043	17/08/2044	Fixed rate	3.890%	Soft Bullet
XF0000HEZ7Y2	n/d	EUR	500,000	17/08/2023	17/08/2043	17/08/2044	Fixed rate	3.890%	Soft Bullet
XF0000HEZ7T2	n/d	EUR	15,000,000	24/07/2023	24/07/2043	24/07/2044	Fixed rate	3.760%	Soft Bullet
XF0000HEZ7U0	n/d	EUR	2,000,000	21/07/2023	21/07/2031	21/07/2032	Fixed rate	3.130%	Soft Bullet
XF0000HEZ7R6	n/d	EUR	10,000,000	17/07/2023	17/07/2048	17/07/2049	Fixed rate	4.000%	Soft Bullet
XF0000HEZ7M7	n/d	EUR	15,000,000	30/06/2023	30/06/2043	30/06/2044	Fixed rate	3.670%	Soft Bullet
XF0000HEZ7F1	n/d	EUR	10,000,000	06/06/2023	06/06/2039	06/06/2040	Fixed rate	3.137%	Soft Bullet
XF0000HEZ7G9	n/d	EUR	5,000,000	06/06/2023	06/06/2039	06/06/2040	Fixed rate	3.137%	Soft Bullet
XF0000HEW676	n/d	EUR	10,000,000	14/04/2023	14/04/2038	14/04/2039	Fixed rate	2.840%	Soft Bullet
XF0000HEZHJ4	n/d	EUR	10,000,000	04/04/2023	07/04/2037	07/04/2038	Fixed rate	3.182%	Soft Bullet
DE000HLB4249	n/d	EUR	15,000,000	02/03/2023	02/03/2035	02/03/2036	Fixed rate	3.235%	Soft Bullet
XF0000HEZFC3	n/d	EUR	30,000,000	28/02/2023	28/02/2035	28/02/2036	Fixed rate	3.240%	Soft Bullet
XS2590759044	n/d	EUR	50,000,000	23/02/2023	23/02/2028	23/02/2029	Floating rate	3-Monats-EURIBOR + 3 bps	Soft Bullet
XF0000HEZE77	n/d	EUR	20,000,000	16/02/2023	16/02/2035	16/02/2036	Fixed rate	3.080%	Soft Bullet
XF0000HEZE10	n/d	EUR	5,000,000	07/02/2023	07/02/2039	07/02/2040	Fixed rate	3.000%	Soft Bullet
DE000HLB42X9	n/d	EUR	975,000,000	09/12/2022	09/12/2024	09/12/2025	Floating rate	6-Monats-EURIBOR + 3 bps	Soft Bullet
XF0000HEZDL9	n/d	EUR	6,000,000	22/11/2022	22/11/2047	22/11/2048	Fixed rate	3.260%	Soft Bullet
DE000HLB42R1	n/d	EUR	13,000,000	26/10/2022	30/09/2027	30/09/2028	Fixed rate	3.090%	Soft Bullet
XF0000HEZCY4	n/d	EUR	50,000,000	06/10/2022	08/10/2040	08/10/2041	Fixed rate	4.175%	Soft Bullet
XF0000HEZCX6	n/d	EUR	10,000,000	04/10/2022	04/10/2044	04/10/2045	Fixed rate	3.740%	Soft Bullet
XF0000HEZL78	n/d	EUR	3,087,723	30/09/2022	30/09/2028	30/09/2029	Floating rate	12-Monats-EURIBOR + 0 bps	Soft Bullet
XF0000HEY9D3	n/d	EUR	3,000,000	12/05/2022	12/05/2037	12/05/2038	Fixed rate	2.130%	Soft Bullet
XF0000HEY9E1	n/d	EUR	3,000,000	12/05/2022	12/05/2037	12/05/2038	Fixed rate	2.130%	Soft Bullet
XF0000HEY9F8	n/d	EUR	5,000,000	12/05/2022	12/05/2037	12/05/2038	Fixed rate	2.130%	Soft Bullet
XF0000HEY9G6	n/d	EUR	2,000,000	12/05/2022	12/05/2037	12/05/2038	Fixed rate	2.130%	Soft Bullet
XF0000HEY854	n/d	EUR	10,000,000	06/05/2022	06/05/2052	06/05/2053	Fixed rate	2.700%	Soft Bullet
XF0000HEY862	n/d	EUR	5,000,000	06/05/2022	06/05/2052	06/05/2053	Fixed rate	2.700%	Soft Bullet
XF0000HEY8Y1	n/d	EUR	20,000,000	05/05/2022	05/05/2042	05/05/2043	Fixed rate	2.260%	Soft Bullet
XF0000HEY8Z8	n/d	EUR	5,000,000	05/05/2022	05/05/2042	05/05/2043	Fixed rate	2.260%	Soft Bullet
XF0000HEY748	n/d	EUR	10,000,000	23/03/2022	23/03/2037	23/03/2038	Fixed rate	1.571%	Soft Bullet
XF0000HEY755	n/d	EUR	3,000,000	23/03/2022	23/03/2037	23/03/2038	Fixed rate	1.571%	Soft Bullet
XS2461137189	n/d	EUR	50,000,000	22/03/2022	22/03/2027	22/03/2028	Fixed rate	0.724%	Soft Bullet
XF0000HEY7Y3	n/d	EUR	10,000,000	11/03/2022	11/03/2052	11/03/2053	Fixed rate	1.510%	Soft Bullet
XS2445172187	n/d	EUR	100,000,000	16/02/2022	16/02/2027	16/02/2028	Fixed rate	0.500%	Soft Bullet
DE000HLB41Z6	n/d	EUR	3,000,000	09/02/2022	09/02/2052	09/02/2053	Fixed rate	1.200%	Soft Bullet
XF0000HEY656	n/d	EUR	25,000,000	07/02/2022	07/02/2052	07/02/2053	Fixed rate	1.430%	Soft Bullet
XF0000HEY664	n/d	EUR	10,000,000	07/02/2022	07/02/2052	07/02/2053	Fixed rate	1.430%	Soft Bullet
XF0000HEY672	n/d	EUR	10,000,000	07/02/2022	07/02/2052	07/02/2053	Fixed rate	1.430%	Soft Bullet
XF0000HEY680	n/d	EUR	5,000,000	07/02/2022	07/02/2052	07/02/2053	Fixed rate	1.430%	Soft Bullet
XS2433240764	n/d	EUR	1,000,000,000	19/01/2022	19/01/2037	19/01/2038	Fixed rate	0.500%	Soft Bullet
XF0000HEY6Q1	n/d	EUR	10,000,000	18/01/2022	18/01/2044	18/01/2045	Fixed rate	1.115%	Soft Bullet
XF0000HEY6R9	n/d	EUR	2,000,000	18/01/2022	18/01/2044	18/01/2045	Fixed rate	1.115%	Soft Bullet
XF0000HEZL60	n/d	EUR	3,172,635	30/09/2021	30/09/2028	30/09/2029	Floating rate	12-Monats-EURIBOR + 0 bps	Soft Bullet

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