MOODY'S INVESTORS SERVICE

Landesbank Hessen-Thueringen GZ - Public-Sector Covered Bonds

Covered Bonds / Germany

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Reporting as of: 31/12/2024 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

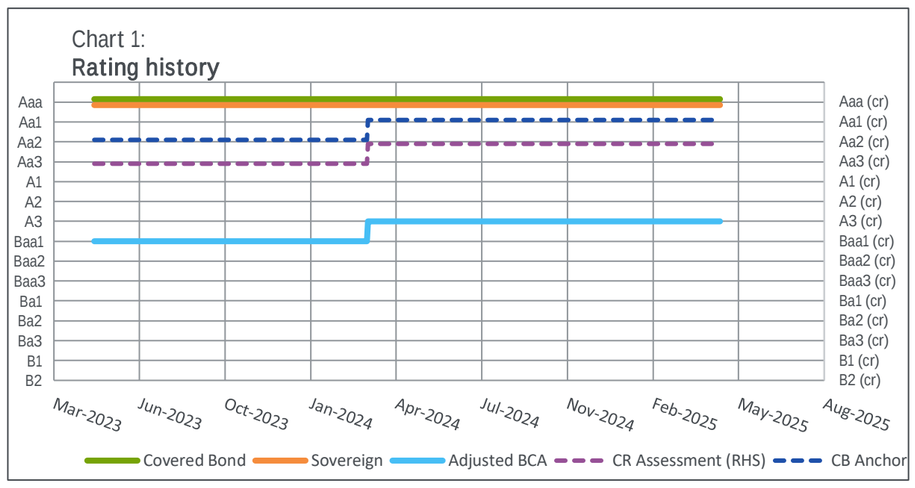
Overview

Total outstanding liabilities:	EUR	18,508,981,764
Total assets in the Cover Pool:	EUR	31,148,351,365
Issuer name / CR Assessment:		Landesbank Hessen-Thueringen GZ / Aa2(cr)
Group or parent name / CR Assessment:		n/a

Ratings

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

Chart 1:
Rating history



II. Value of the Cover Pool

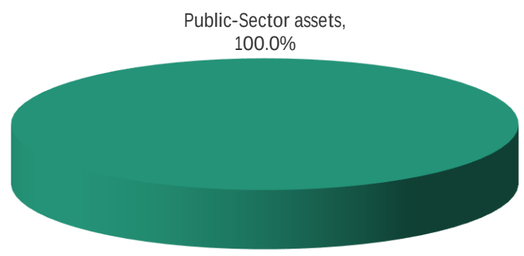
Collateral quality

Collateral Score:	3.0%	
Collateral Score excl. systemic risk:	n/a	

Cover Pool losses

Collateral Risk (Collateral Score post-haircut):	1.5%	17%
Market Risk:	7.3%	83%
	8.8%	100%

Chart 2 :
Asset types in cover pool



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):	73.9%
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 / issuer is based:	Germany / Germany
Programme setup / structure:	Bank issuer holding cover pool

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
Maximum length of maturity extension:	> 6 months but ≤ 12 months
Trigger for maturity extension: ('Y' means applicable, 'N' means not applicable)	
(N) Issuer insolvency-type event(s)	(Y) Cover pool insolvency-type event(s)
(N) Issuer resolution / early intervention measure(s)	(N) Other(s)
(N) Breach of liquidity requirements (actual/potential)	
Final decision on trigger:	Administrator

(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:	86.1%
Fixed rate covered bonds outstanding:	94.7%
WAL of outstanding covered bonds:	6.7 years
floating / fixed rate	8.8 y / 6.6 y
WAL of the cover pool:	8.5 years
floating / fixed rate / time to reset	5.6 y / 8.9 y / 8.3 y

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

Chart 3 :
Stressed refinancing needs per quarter (% of liabilities)

(note 6)
Maximum mismatch: 11.4%

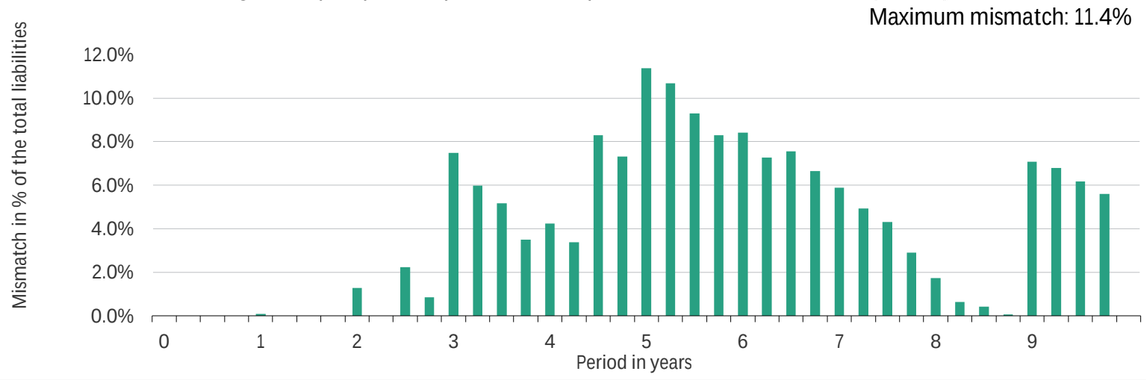


Chart 4:
Currency mix before swaps (Main Currencies)

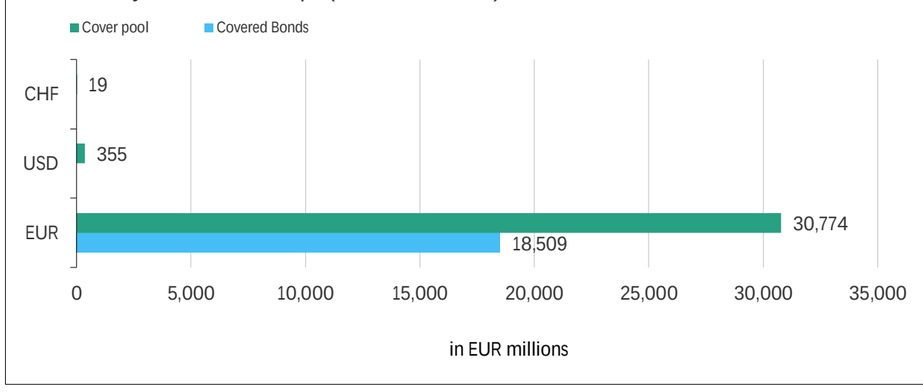
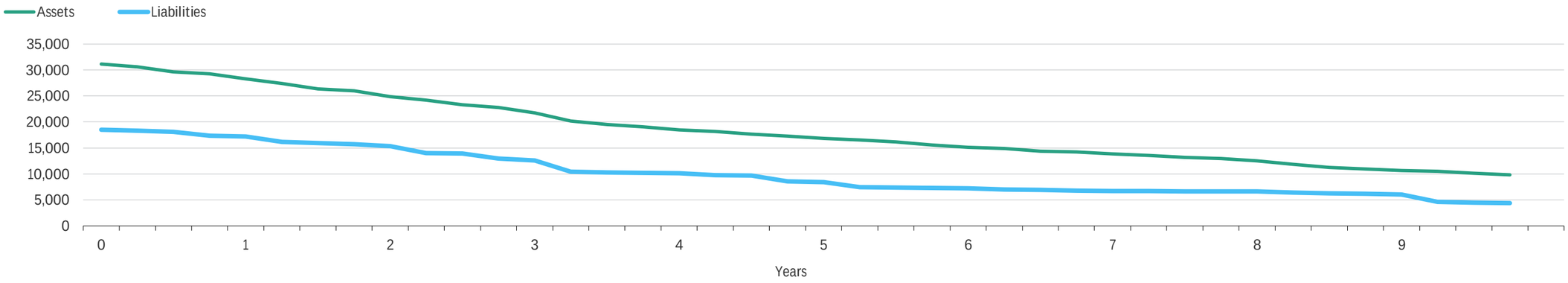


Chart 5 :
Amortisation profile (in millions) (note 7)



VI. Performance Evolution

Chart 6 :
Collateral Score

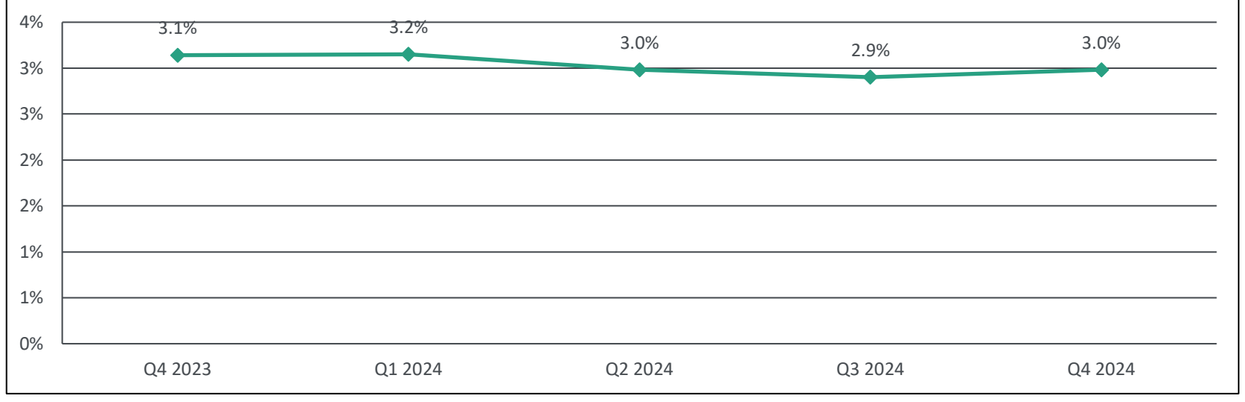


Chart 7 :
Cover Pool Losses

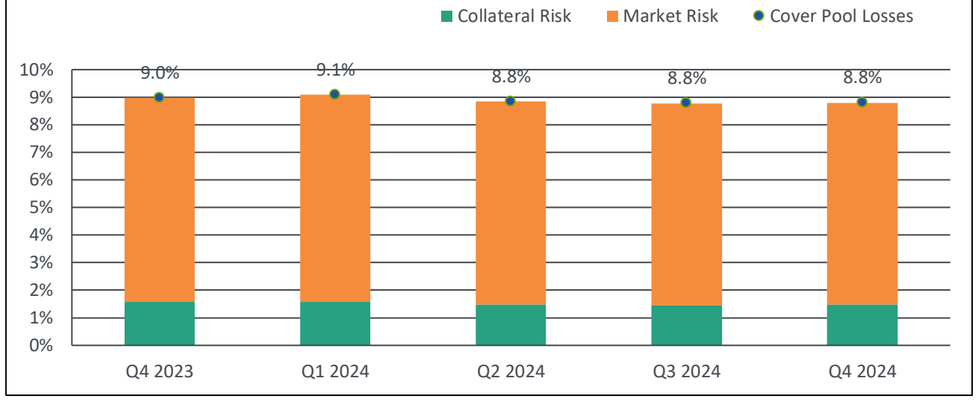
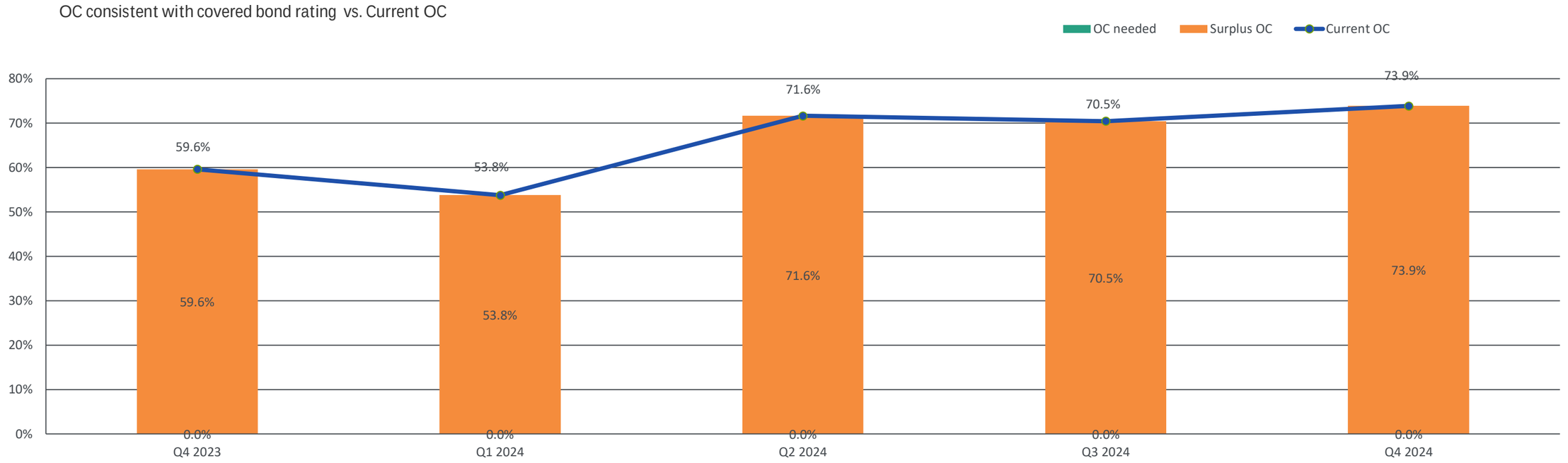


Chart 8 :
OC consistent with covered bond rating vs. Current OC



Covered Bond Rating	Aaa	Aaa	Aaa	Aaa	Aaa
CB Anchor	Aa1	Aa1	Aa1	Aa1	Aa1

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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:	31,148,351,365
WA remaining Term (in months):	170
Number of borrowers:	2,826
Number of loans / bonds:	12,307
Exposure to the 10 largest borrowers:	28.3%
Average exposure to borrowers:	11,022,063

Specific Loan and Borrower characteristics

Repo eligible loans / bonds:	1.3%
Percentage of fixed rate loans / bonds:	94.1%
Percentage of bullet loans/ bonds:	30.9%
Loans / bonds in non-domestic currency:	1.2%

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%

Table A : Borrower type by country

	Germany	Belgium	Austria	Other	**Totals**
Direct claim against supranational	0.0%	0.0%	0.0%	0.0%	**0.0%**
Direct claim against sovereign	0.0%	0.0%	0.0%	0.0%	**0.0%**
Loan with guarantee of sovereign	0.3%	0.0%	0.0%	4.3%	**4.6%**
Direct claim against region/federal state	30.5%	0.0%	0.0%	0.3%	**30.8%**
Loan with guarantee of region/federal state	3.4%	0.0%	1.4%	0.0%	**4.8%**
Direct claim against municipality	53.2%	0.0%	0.0%	0.5%	**53.7%**
Loan with guarantee of municipality	3.2%	1.9%	0.0%	0.0%	**5.2%**
Others	0.8%	0.0%	0.0%	0.1%	**0.9%**
	91.4%	**2.0%**	**1.4%**	**5.2%**	

Chart B:
Percentage of public sector assets

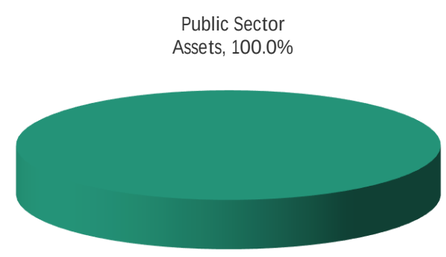


Chart C:
Borrower concentration

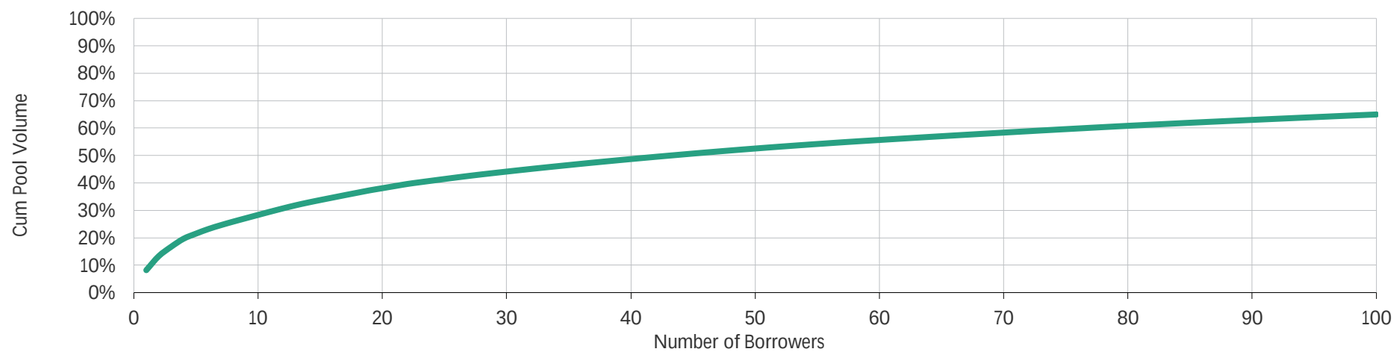


Chart D:
Pool distribution by country exposure rating

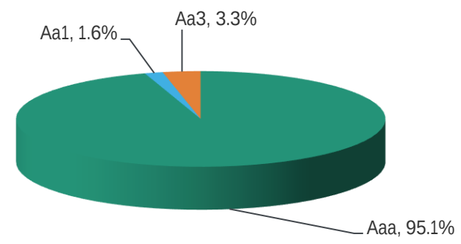


Chart E:
Main country regional distribution

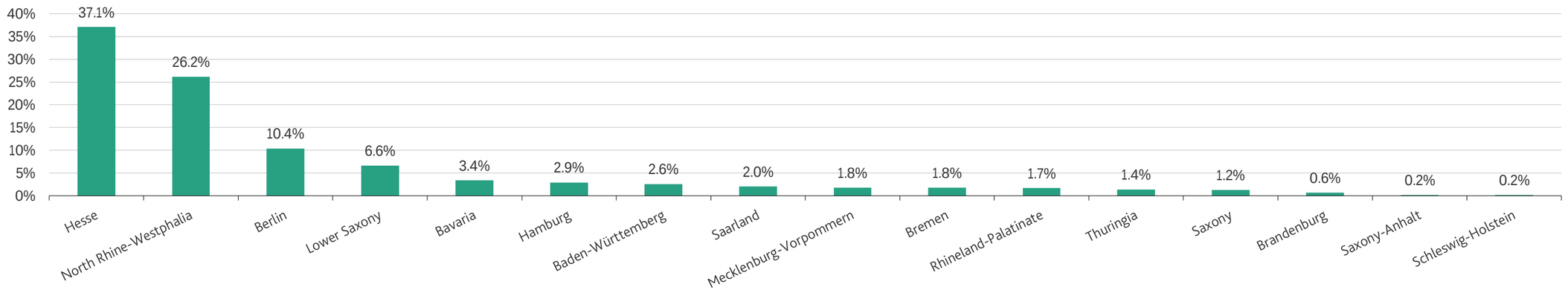


Chart F:
Distribution by country exposure, rating

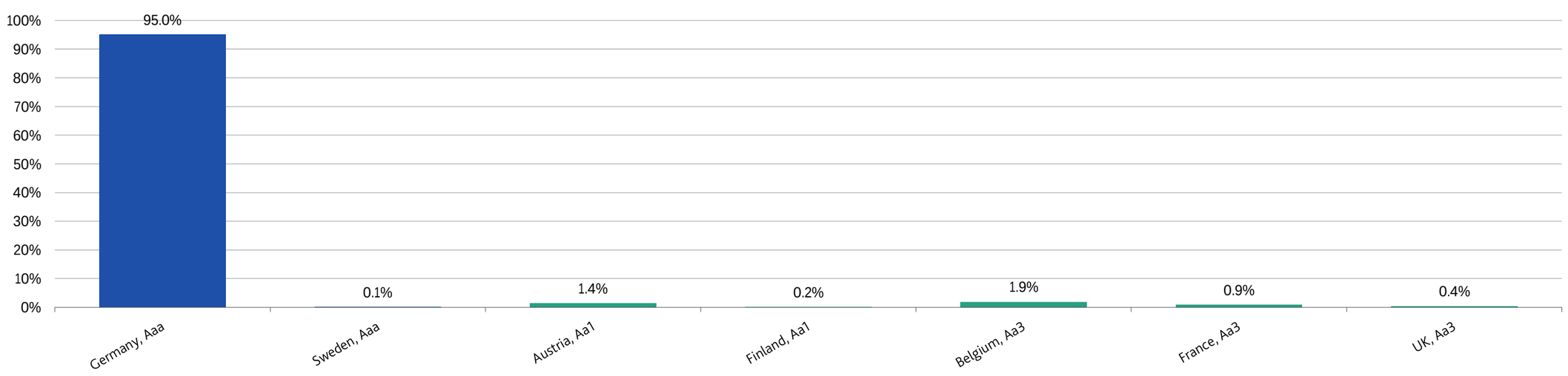


Table A and Chart C are based on debtor data. Charts D, E and F are based on guarantor data or, on unavailability of such information, on debtor data, as reported by the issuer.

VIII. Liabilities Information: Last 50 Issuances as reported by the issuer

ISIN	Series Number	ESG bond type, if applicable	Outstanding Amount	Issuance Date	Expected Maturity	Extended Maturity	Interest Rate Type	Coupon	Principal Payment
XF0000HEKBX0	n/d		EUR 15,000,000	28/11/2024	28/11/2039	28/11/2039	Fixed rate	2.830%	Soft Bullet
XF0000HEKBY8	n/d		EUR 500,000	28/11/2024	28/11/2039	28/11/2039	Fixed rate	2.830%	Soft Bullet
XF0000HEKBZ5	n/d		EUR 10,000,000	28/11/2024	28/11/2039	28/11/2039	Fixed rate	2.830%	Soft Bullet
XF0000HEKB02	n/d		EUR 30,000,000	28/11/2024	28/11/2039	28/11/2039	Fixed rate	2.830%	Soft Bullet
XF0000HEKBP6	n/d		EUR 50,000,000	30/10/2024	30/10/2042	30/10/2042	Fixed rate	2.890%	Soft Bullet
XF0000HEKBV4	n/d		EUR 70,000,000	30/10/2024	22/11/2049	22/11/2049	Fixed rate	2.751%	Soft Bullet
XF0000HEZL94	n/d		EUR 3,000,000	30/09/2024	30/09/2028	30/09/2028	Floating rate	12-Monats-EURIBOR + 0 bps	Soft Bullet
XF0000HEKAY0	n/d		EUR 11,000,000	16/09/2024	13/09/2044	13/09/2044	Fixed rate	2.810%	Soft Bullet
XF0000HEKAZ7	n/d		EUR 10,000,000	16/09/2024	13/09/2044	13/09/2044	Fixed rate	2.810%	Soft Bullet
XF0000HEKAL7	n/d		EUR 10,000,000	08/07/2024	08/07/2050	08/07/2050	Fixed rate	3.625%	Soft Bullet
XF0000HEZ984	n/d		EUR 5,000,000	24/05/2024	24/05/2044	24/05/2044	Fixed rate	3.820%	Soft Bullet
XF0000HEZ950	n/d		EUR 20,000,000	10/05/2024	10/05/2055	10/05/2055	Fixed rate	3.657%	Soft Bullet
DE000HLB43Y5	n/d		EUR 20,000,000	08/05/2024	06/09/2063	06/09/2063	Fixed rate	3.830%	Soft Bullet
XF0000HEZ901	n/d		EUR 2,000,000	15/04/2024	15/04/2032	15/04/2032	Fixed rate	3.000%	Soft Bullet
XF0000HEW684	n/d		EUR 10,000,000	14/04/2024	14/04/2038	14/04/2038	Fixed rate	2.840%	Soft Bullet
XF0000HEZ9Y8	n/d		EUR 50,000,000	10/04/2024	10/04/2041	10/04/2041	Fixed rate	3.100%	Soft Bullet
XF0000HEZ9Z5	n/d		EUR 5,000,000	10/04/2024	10/04/2041	10/04/2041	Fixed rate	3.100%	Soft Bullet
XF0000HEZ9X0	n/d		EUR 5,000,000	09/04/2024	09/04/2040	09/04/2040	Fixed rate	3.040%	Soft Bullet
XF0000HEZ9Q4	n/d		EUR 10,000,000	20/03/2024	20/03/2046	20/03/2046	Fixed rate	3.810%	Soft Bullet
XF0000HEZ9S0	n/d		EUR 10,000,000	20/03/2024	20/03/2048	20/03/2048	Fixed rate	3.830%	Soft Bullet
XS2760109053	n/d		EUR 1,250,000,000	06/02/2024	06/02/2034	06/02/2034	Fixed rate	2.875%	Soft Bullet
DE000HLB43N8	n/d		EUR 10,000,000	30/11/2023	30/11/2033	30/11/2033	Fixed rate	3.285%	Soft Bullet
XF0000HEZ8R4	n/d		EUR 6,000,000	16/11/2023	16/11/2043	16/11/2043	Fixed rate	3.490%	Soft Bullet
XF0000HEZ8Q6	n/d		EUR 15,000,000	31/10/2023	31/10/2046	31/10/2046	Fixed rate	4.185%	Soft Bullet
XS2711420054	n/d		EUR 750,000,000	31/10/2023	31/08/2027	31/08/2027	Fixed rate	3.500%	Soft Bullet
XF0000HEZL86	n/d		EUR 3,093,150	30/09/2023	30/09/2028	30/09/2028	Floating rate	12-Monats-EURIBOR + 0 bps	Soft Bullet
XF0000HEZ794	n/d		EUR 15,000,000	29/09/2023	29/09/2048	29/09/2048	Fixed rate	4.053%	Soft Bullet
XS2673929944	n/d		EUR 1,000,000,000	29/08/2023	20/01/2028	20/01/2028	Fixed rate	3.375%	Soft Bullet
XF0000HEZ7X4	n/d		EUR 5,000,000	17/08/2023	17/08/2043	17/08/2043	Fixed rate	3.890%	Soft Bullet
XF0000HEZ7Y2	n/d		EUR 500,000	17/08/2023	17/08/2043	17/08/2043	Fixed rate	3.890%	Soft Bullet
XF0000HEZ7T2	n/d		EUR 15,000,000	24/07/2023	24/07/2043	24/07/2043	Fixed rate	3.760%	Soft Bullet
XF0000HEZ7U0	n/d		EUR 2,000,000	21/07/2023	21/07/2031	21/07/2031	Fixed rate	3.130%	Soft Bullet
XF0000HEZ7R6	n/d		EUR 10,000,000	17/07/2023	17/07/2048	17/07/2048	Fixed rate	4.000%	Soft Bullet
XF0000HEZ7M7	n/d		EUR 15,000,000	30/06/2023	30/06/2043	30/06/2043	Fixed rate	3.670%	Soft Bullet
XF0000HEZ7F1	n/d		EUR 10,000,000	06/06/2023	06/06/2039	06/06/2039	Fixed rate	3.137%	Soft Bullet
XF0000HEZ7G9	n/d		EUR 5,000,000	06/06/2023	06/06/2039	06/06/2039	Fixed rate	3.137%	Soft Bullet
XF0000HEW676	n/d		EUR 10,000,000	14/04/2023	14/04/2038	14/04/2038	Fixed rate	2.840%	Soft Bullet
XF0000HEZHJ4	n/d		EUR 10,000,000	04/04/2023	07/04/2037	07/04/2037	Fixed rate	3.182%	Soft Bullet
DE000HLB4249	n/d		EUR 15,000,000	02/03/2023	02/03/2035	02/03/2035	Fixed rate	3.235%	Soft Bullet
XF0000HEZFC3	n/d		EUR 30,000,000	28/02/2023	28/02/2035	28/02/2035	Fixed rate	3.240%	Soft Bullet
XF0000HEZE77	n/d		EUR 20,000,000	16/02/2023	16/02/2035	16/02/2035	Fixed rate	3.080%	Soft Bullet
XF0000HEZE10	n/d		EUR 5,000,000	07/02/2023	07/02/2039	07/02/2039	Fixed rate	3.000%	Soft Bullet
XF0000HEZDL9	n/d		EUR 6,000,000	22/11/2022	22/11/2047	22/11/2047	Fixed rate	3.260%	Soft Bullet
DE000HLB42R1	n/d		EUR 13,000,000	26/10/2022	30/09/2027	30/09/2027	Fixed rate	3.090%	Soft Bullet
XF0000HEZCY4	n/d		EUR 50,000,000	06/10/2022	08/10/2040	08/10/2040	Fixed rate	4.175%	Soft Bullet
XF0000HEZCX6	n/d		EUR 10,000,000	04/10/2022	04/10/2044	04/10/2044	Fixed rate	3.740%	Soft Bullet
XF0000HEZL78	n/d		EUR 3,183,597	30/09/2022	30/09/2028	30/09/2028	Floating rate	12-Monats-EURIBOR + 0 bps	Soft Bullet
XF0000HEY9D3	n/d		EUR 3,000,000	12/05/2022	12/05/2037	12/05/2037	Fixed rate	2.130%	Soft Bullet
XF0000HEY9E1	n/d		EUR 3,000,000	12/05/2022	12/05/2037	12/05/2037	Fixed rate	2.130%	Soft Bullet

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