Transparency requirements §28 PfandBG Q1/2024

NORD/LB Floor Research

24 Mai 2024

Marketing communication (see disclaimer on the last pages)

Agenda

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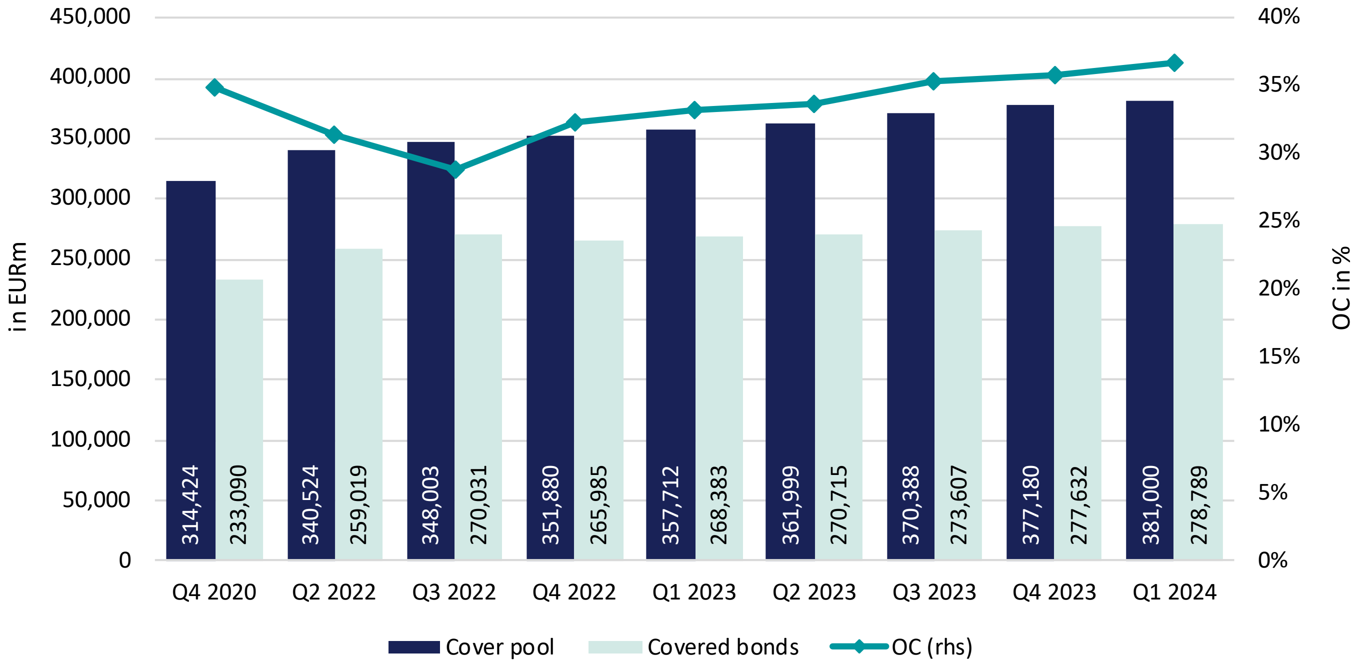
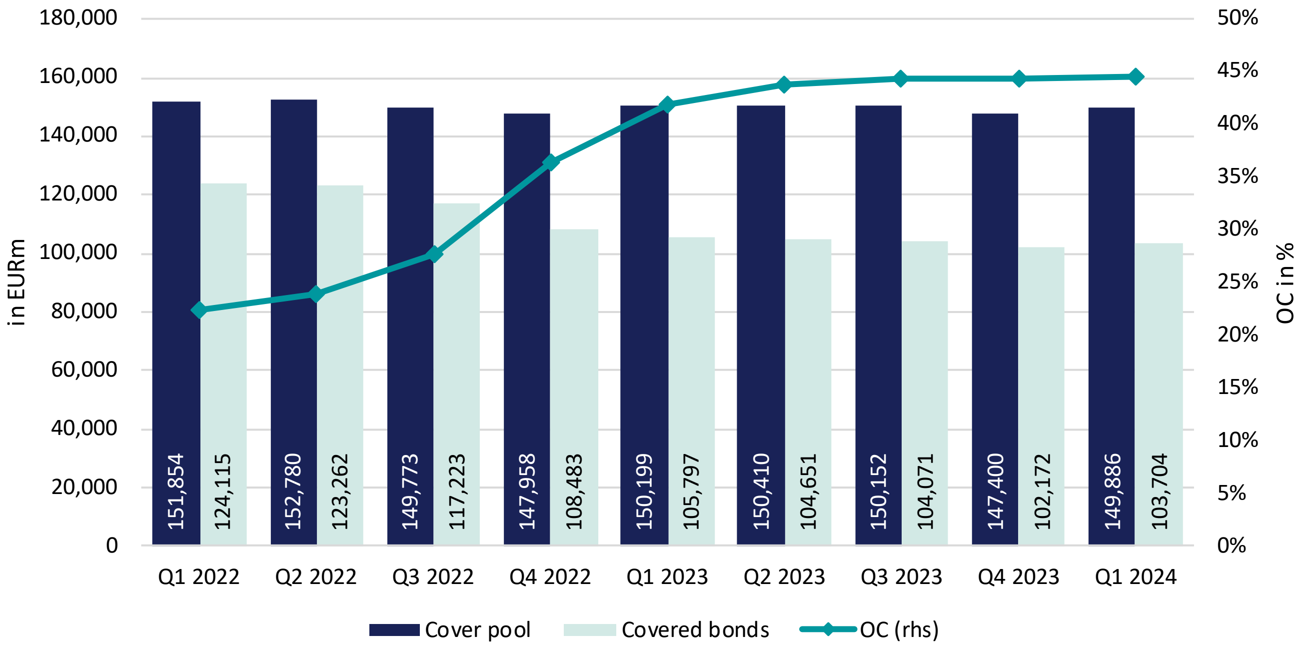
Market Overview

Market development: mortgage covered bonds

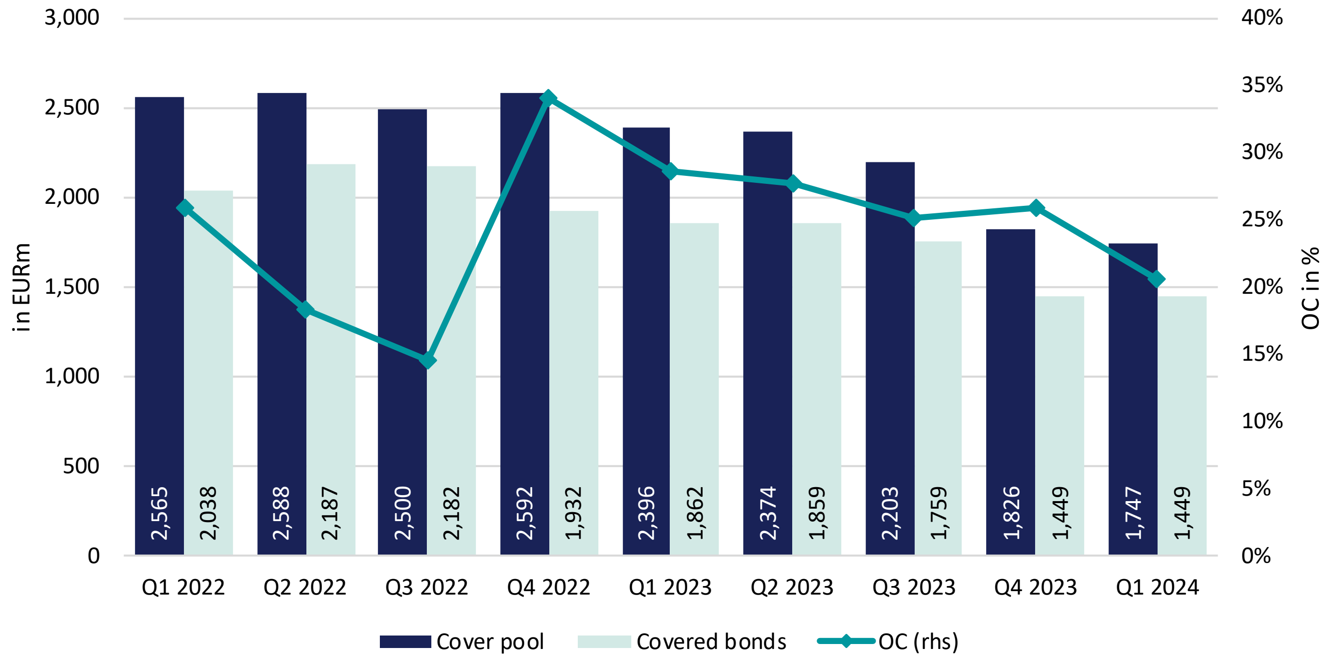


Market development: public sector covered bonds



Source: vdp, Deutsche Bank, NORD/LB Floor Research

Market development: ship covered bonds



Source: vdp, NORD/LB Floor Research

NORD/LB

Market overview: mortgage covered bonds

Issuer	Cover pool in EURm	Pfandbrief volume in EURm	OC in EURm	OC in %	Cover type (in %) Residential	Cover type (in %) Commercial	Cover type (in %) Others	DE share (in %) Primary assets
Aareal Bank	16,637	14,337	2,301	16.0	8.8%	87.0%	4.2%	8.4%
ALTE LEIPZIGER Bauspar	74	15	59	390.3	97.3%	0.0%	2.7%	100.0%
Bausparkasse Mainz	250	184	66	35.9	96.0%	0.0%	4.0%	100.0%
Bausparkasse Schwäbisch Hall	6,060	3,559	2,501	70.3	97.4%	0.0%	2.6%	100.0%
BayernLB	11,150	8,547	2,603	30.5	13.9%	82.1%	4.0%	55.3%
BBBank	73	25	48	193.3	90.4%	0.0%	9.6%	100.0%
Berlin Hyp	19,090	18,234	856	4.7	32.0%	61.5%	6.6%	66.4%
Commerzbank	43,169	30,636	12,533	40.9	94.5%	1.8%	3.7%	100.0%
DekaBank	1,404	931	473	50.8	0.0%	84.0%	16.0%	52.9%
apoBank	8,445	4,217	4,228	100.3	77.8%	17.3%	4.9%	100.0%
Deutsche Bank	15,742	12,682	3,060	24.1	90.1%	5.9%	4.0%	101.4%
DKB	9,818	4,716	5,102	108.2	89.2%	2.2%	8.6%	100.0%
DZ HYP	41,358	35,076	6,282	17.9	56.7%	40.8%	2.5%	96.3%
Hamburger Sparkasse	8,967	5,977	2,990	50.0	64.1%	27.9%	8.0%	100.0%
Evangelische Bank	174	7	167	2,387.2	52.1%	43.9%	4.0%	100.0%
Helaba	16,588	8,186	8,402	102.6	29.7%	65.0%	5.3%	48.2%
Hamburg Commercial Bank	3,175	2,661	514	19.3	17.7%	76.1%	6.3%	88.4%
ING-DiBa	15,317	11,355	3,962	34.9	94.3%	0.0%	5.7%	100.0%
Kreissparkasse Köln	6,641	768	5,873	765.3	87.3%	11.2%	1.5%	100.0%
Landesbank Berlin	6,618	3,809	2,809	73.7	63.7%	30.5%	5.8%	100.0%
LBBW	18,584	12,526	6,058	48.4	43.2%	51.7%	5.1%	83.3%
LIGA Bank eG	321	161	160	99.5	96.9%	0.0%	3.1%	100.0%
Münchener Hypothekenbank	37,581	35,531	2,050	5.8	78.1%	18.5%	3.4%	81.0%
Natixis Pfandbriefbank	1,694	1,291	403	31.2	9.9%	76.2%	13.9%	42.2%
NORD/LB	13,987	9,093	4,894	53.8	33.0%	61.3%	5.6%	63.2%
Oldenburgische Landesbank	1,675	1,471	204	13.9	87.8%	1.7%	10.5%	100.0%
Deutsche Pfandbriefbank	20,747	16,244	4,503	27.7	16.8%	78.6%	4.5%	40.5%
PSD Bank Nürnberg	1,292	721	572	79.3	98.0%	0.0%	2.0%	100.0%
PSD Bank Rhein-Ruhr	911	559	352	63.0	97.6%	0.0%	2.4%	100.0%
SaarLB	1,220	696	524	75.2	1.8%	94.1%	4.1%	64.7%
Santander Consumer Bank	1,328	1,025	303	29.6	96.1%	0.0%	3.9%	100.0%
Sparda-Bank Südwest	345	90	255	283.5	93.0%	0.0%	7.0%	100.0%
Sparkasse Hannover	2,998	1,893	1,105	58.4	81.2%	15.3%	3.5%	100.0%
Stadtsparkasse Düsseldorf	1,701	1,121	580	51.7	75.1%	19.3%	5.6%	100.0%
Sparkasse KölnBonn	7,816	1,359	6,457	475.2	75.5%	21.6%	2.9%	100.0%
UniCredit Bank	33,900	25,706	8,195	31.9	69.0%	27.8%	3.1%	100.0%
Wüstenrot Bausparkasse	4,151	3,384	766	22.6	87.6%	2.5%	9.9%	100.0%

Source: vdp, Deutsche Bank, NORD/LB Floor Research

NORD/LB

Market overview: public sector covered bonds

Issuer	Cover pool	Pfandbrief volume	OC		Cover type					DE share
	in EURm	in EURm	in EURm	in %	Central government	Regional authorities	Local authorities	Other debtors	Others	Primary assets
Aareal Bank	1,136	1,010	126	12.5	20.7%	58.1%	19.6%	1.6%	0.0%	75.4%
BayernLB	24,016	14,451	9,565	66.2	7.5%	36.7%	45.2%	7.2%	3.4%	96.5%
Berlin Hyp	163	131	32	24.5	30.6%	66.0%	0.0%	3.4%	0.0%	69.4%
Commerzbank	16,286	9,037	7,248	80.2	20.0%	20.5%	48.5%	11.0%	0.0%	79.3%
DekaBank	3,908	2,921	987	33.8	7.3%	6.4%	61.3%	22.2%	2.8%	89.0%
Deutsche Bank	159	90	69	76.7	71.4%	23.3%	0.0%	0.0%	5.3%	24.6%
DKB	6,488	2,148	4,339	202.0	0.0%	9.6%	65.8%	24.6%	0.0%	100.0%
Deutsche Pfandbriefbank	9,094	8,193	901	11.0	45.8%	31.4%	10.9%	11.9%	0.0%	26.5%
DZ HYP	11,607	9,244	2,362	25.6	7.4%	18.3%	69.5%	4.8%	0.0%	88.0%
Hamburg Commercial Bank	670	610	60	9.9	28.9%	63.7%	7.4%	0.0%	0.0%	61.7%
Kreissparkasse Köln	295	153	142	92.4	25.7%	0.0%	50.9%	23.3%	0.0%	89.5%
LBBW	13,762	10,420	3,342	32.1	22.9%	19.5%	45.3%	12.4%	0.0%	91.2%
Landesbank Berlin	829	300	529	176.2	0.0%	19.0%	0.8%	80.2%	0.0%	100.0%
Helaba	32,054	21,379	10,675	49.9	5.3%	35.7%	43.4%	15.6%	0.0%	94.0%
LIGA Bank	252	122	130	106.7	0.0%	0.0%	95.6%	4.4%	0.0%	100.0%
Münchener Hypothekenbank	1,374	1,195	179	15.0	8.7%	82.6%	2.5%	6.2%	0.0%	88.7%
NORD/LB	13,736	12,690	1,046	8.2	6.2%	20.6%	46.6%	23.2%	3.3%	88.6%
SaarLB	4,828	3,840	988	25.7	1.8%	4.9%	81.3%	11.9%	0.0%	62.2%
Sparkasse Hannover	1,472	846	626	74.0	0.0%	3.0%	90.4%	6.6%	0.0%	100.0%
Stadtsparkasse Düsseldorf	79	20	59	292.6	0.0%	0.0%	59.9%	22.2%	17.8%	100.0%
UniCredit Bank	7,679	4,903	2,776	56.6	16.6%	37.8%	45.1%	0.4%	0.0%	94.1%

Source: vdp, Deutsche Bank, NORD/LB Floor Research

Market overview: ship covered bonds

Issuer	Cover pool	Pfandbrief volume	OC	
	in EURm	in EURm	in EURm	in %
Commerzbank	79	49	30	60.2
Hamburg Commercial Bank	1,669	1,400	269	19.2

Source: vdp, NORD/LB Floor Research

NORD/LB

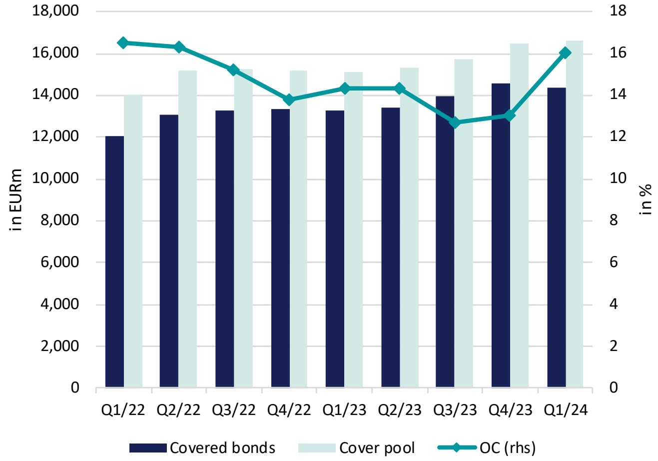
Aareal Bank

Mortgage

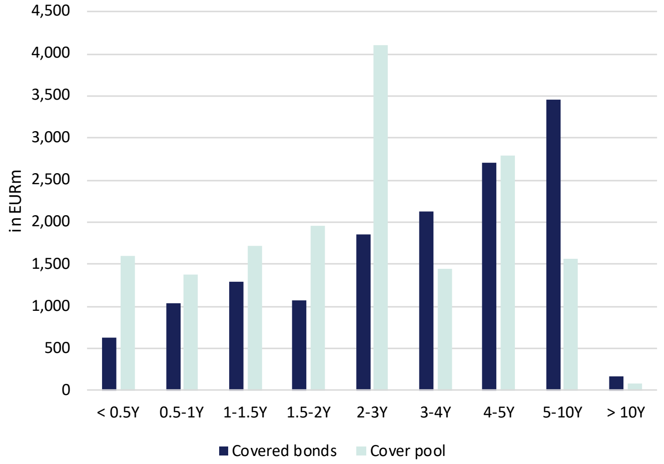
Cover pool data

Cover pool (EURm)	16,637.3	Number of loans	2,311
of which residential	8.8%	Number of borrowers	2,518
of which commercial	87.0%	Number of properties	3,374
of which substitution assets	4.2%	Avg. exposure to borrowers (EUR)	6,329,190
of which derivatives	0.0%	Share of 10 largest borrowers	11.3%
Covered bonds (EURm)	14,336.5	Share of owner-occupied dwellings	0.4%
OC (EURm)	2,300.8	Share of multi-familiy houses	8.3%
OC	16.0%	EUR share (Cover pool)	82.5%
Fixed interest (Cover pool)	49.6%	EUR share (Covered bonds)	89.8%
Fixed interest (Covered bonds)	68.9%	Largest FX position (NPV in EURm)	GBP (798.1)
WAL (Cover pool)	2.7y	Share of largest exposure tranche	97.6% (> EUR 10m)
WAL (Covered Bonds)	3.9y	Avg. seasoning	4.6y
Avg. LTV (Original value)	55.9%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	34.5%		

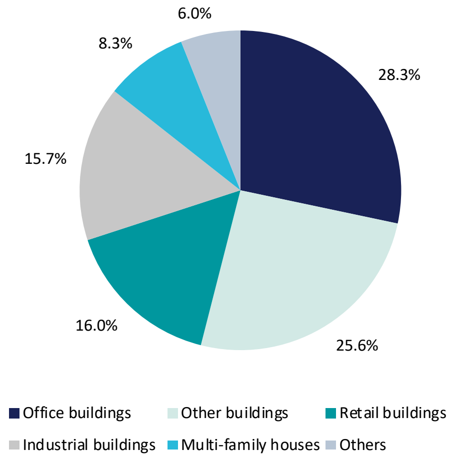
Development of cover pool data



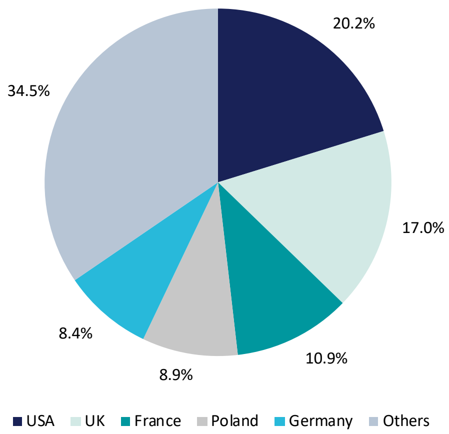
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

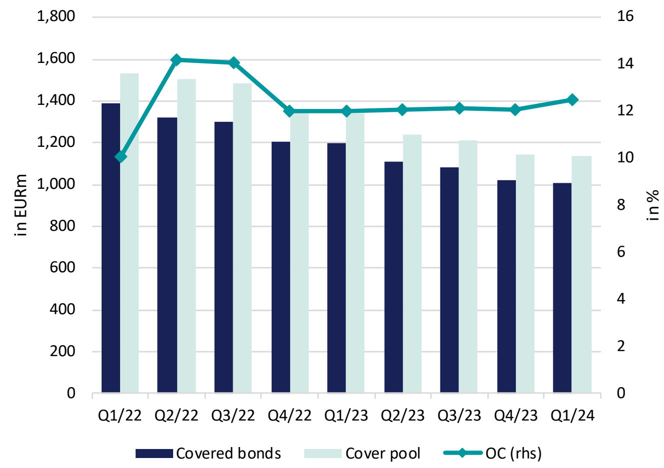
Aareal Bank

Public sector

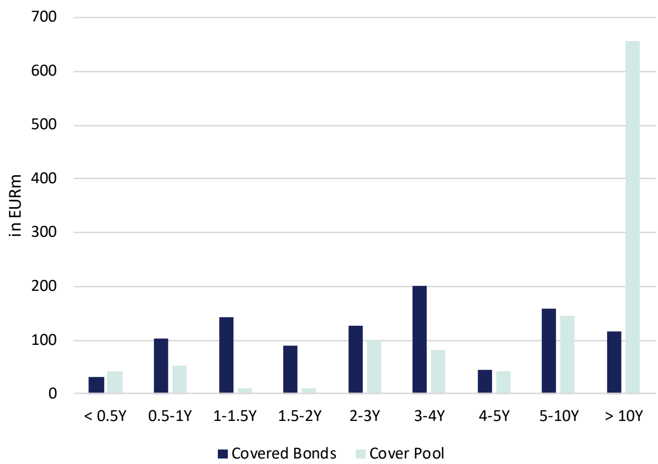
Cover pool data

Cover pool (EURm)	1,136.1	Number of loans	141
of which substitution assets	0.0%	Number of borrowers	78
of which derivatives	0.0%	Share of 10 largest borrowers	82.7%
Covered bonds (EURm)	1,009.7	Avg. exposure to borrowers (EUR)	14,565,385
OC (EURm)	126.4	EUR share (Cover pool)	100.0%
OC	12.5%	EUR share (Covered bonds)	100.0%
Fixed interest (Cover pool)	94.6%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	97.5%	Share of largest exposure tranche	53.8% (> EUR 100m)
WAL (Cover pool)	8.6y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	4.1y		

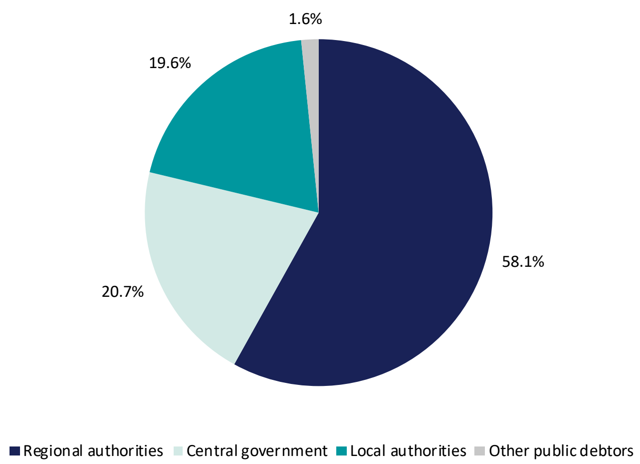
Development of cover pool data



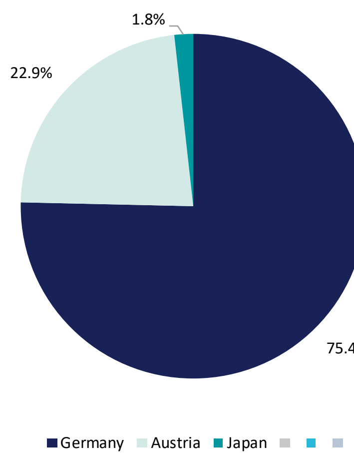
Maturity structure



Composition of primary assets



Regional distribution of claims



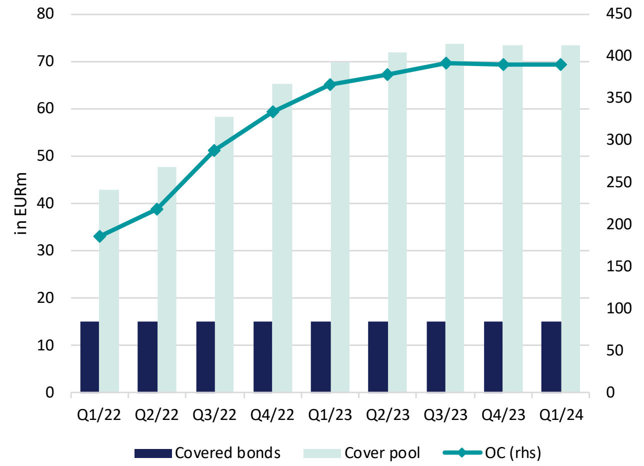
Source: vdp, NORD/LB Floor Research

ALTE LEIPZIGER Bauspar — Mortgage

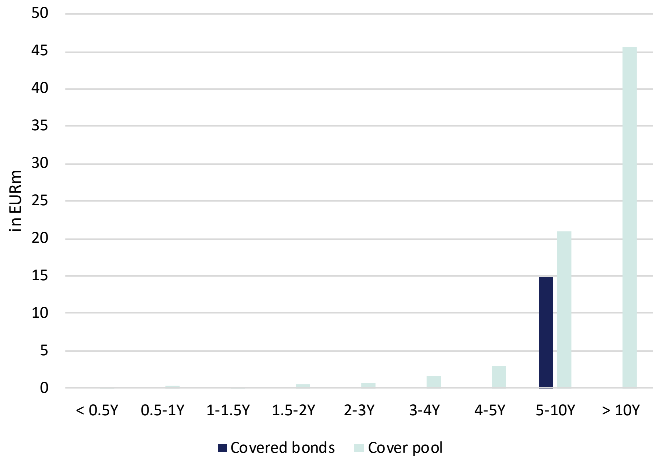
Cover pool data

Cover pool (EURm)	73.5	Number of loans	n/a
of which residential	97.3%	Number of borrowers	n/a
of which commercial	0.0%	Number of properties	n/a
of which substitution assets	2.7%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	15.0	Share of owner-occupied dwellings	0.0%
OC (EURm)	58.5	Share of multi-familiy houses	1.7%
OC	390.3%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	92.2% (< EUR 0.3m)
WAL (Covered Bonds)	n/a	Avg. seasoning	3.2y
Avg. LTV (Original value)	56.5%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

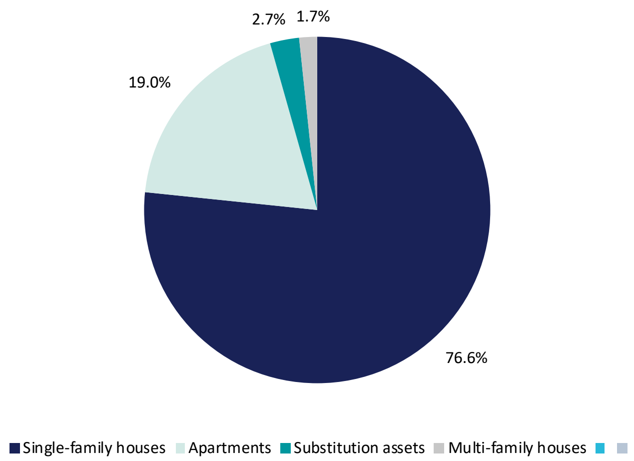
Development of cover pool data



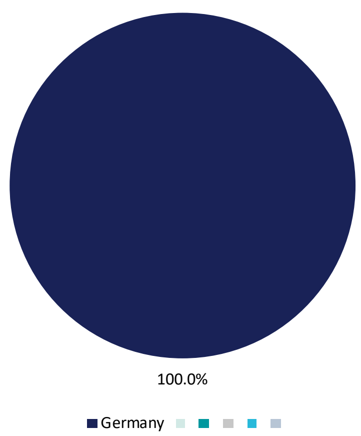
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

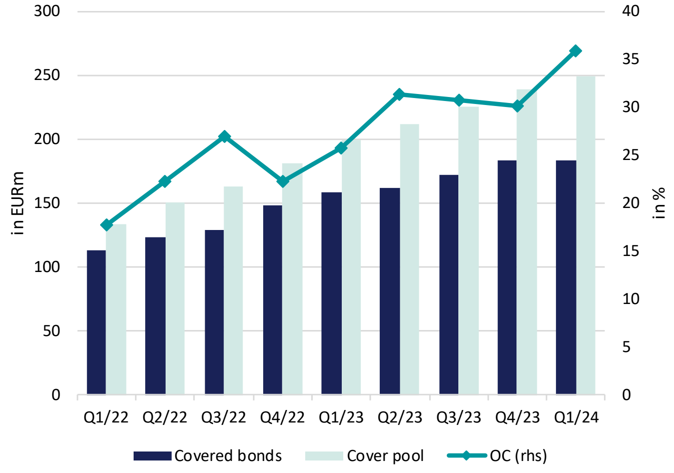
Bausparkasse Mainz

Mortgage

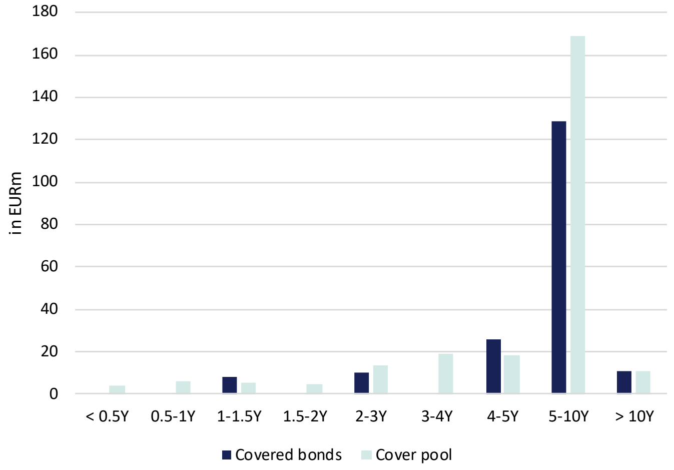
Cover pool data

Cover pool (EURm)	249.7	Number of loans	n/a
of which residential	96.0%	Number of borrowers	n/a
of which commercial	0.0%	Number of properties	n/a
of which substitution assets	4.0%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	183.7	Share of owner-occupied dwellings	n/a
OC (EURm)	66.0	Share of multi-familiy houses	n/a
OC	35.9%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	96.3% (< EUR 0.3m)
WAL (Covered Bonds)	n/a	Avg. seasoning	2.9y
Avg. LTV (Original value)	54.1%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

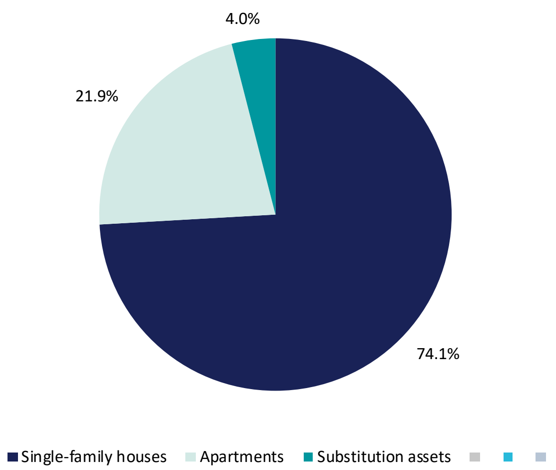
Development of cover pool data



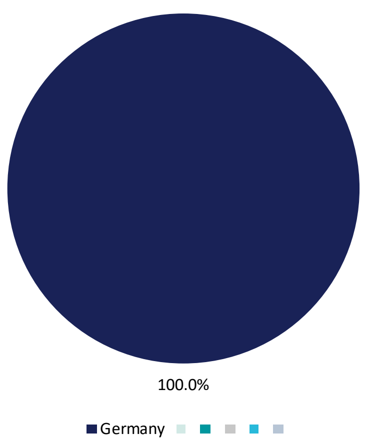
Maturity structure



Composition of cover pool



Regional distribution of properties



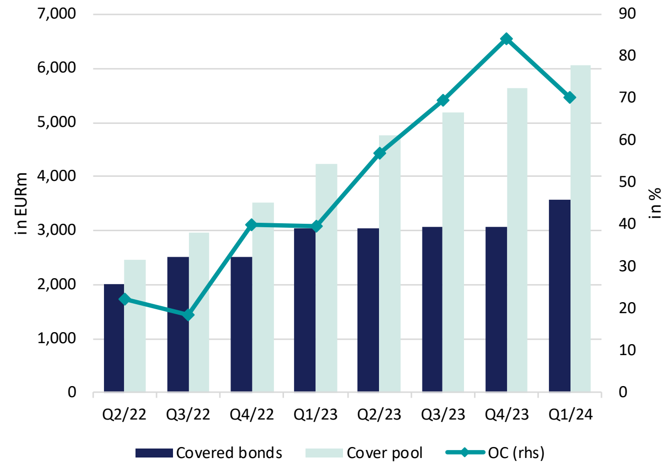
Source: vdp, NORD/LB Floor Research

Bausparkasse Schwäbisch Hall — Mortgage

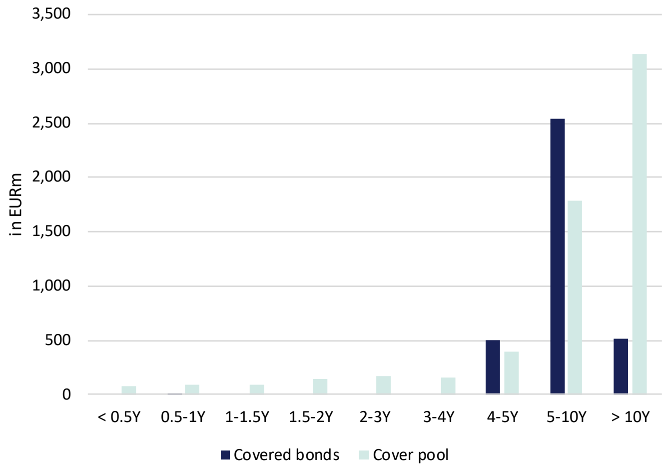
Cover pool data

Cover pool (EURm)	6,060.5	Number of loans	40,315
of which residential	97.4%	Number of borrowers	61,363
of which commercial	0.0%	Number of properties	36,731
of which substitution assets	2.6%	Avg. exposure to borrowers (EUR)	96,181
of which derivatives	0.0%	Share of 10 largest borrowers	0.4%
Covered bonds (EURm)	3,559.0	Share of owner-occupied dwellings	84.7%
OC (EURm)	2,501.5	Share of multi-familiy houses	3.7%
OC	70.3%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	10.5y	Share of largest exposure tranche	80.0% (< EUR 0.3m)
WAL (Covered Bonds)	7.5y	Avg. seasoning	2.8y
Avg. LTV (Original value)	49.6%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

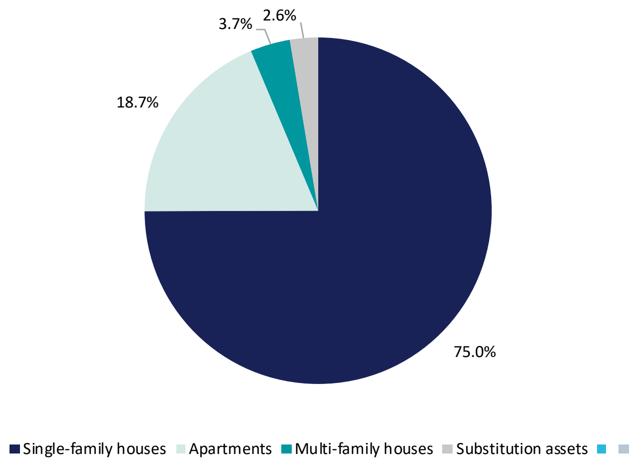
Development of cover pool data



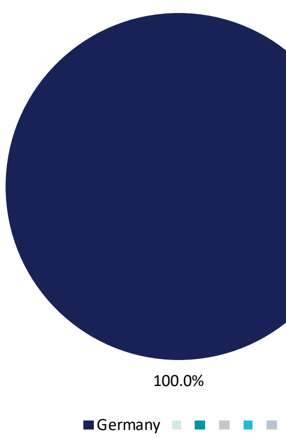
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

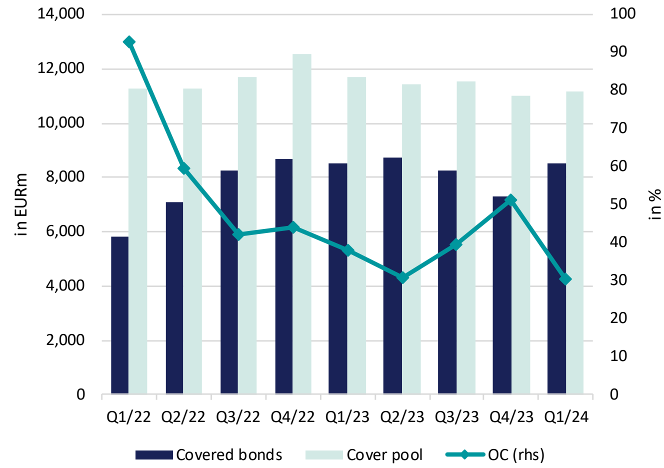
BayernLB

Mortgage

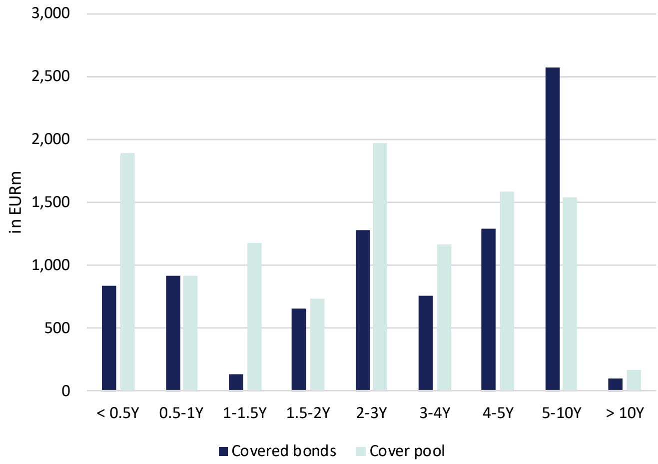
Cover pool data

Cover pool (EURm)	11,150.1	Number of loans	592
of which residential	13.9%	Number of borrowers	459
of which commercial	82.1%	Number of properties	1,127
of which substitution assets	4.0%	Avg. exposure to borrowers (EUR)	23,321,512
of which derivatives	0.0%	Share of 10 largest borrowers	12.0%
Covered bonds (EURm)	8,546.8	Share of owner-occupied dwellings	0.3%
OC (EURm)	2,603.2	Share of multi-familiy houses	13.3%
OC	30.5%	EUR share (Cover pool)	88.3%
Fixed interest (Cover pool)	70.9%	EUR share (Covered bonds)	97.3%
Fixed interest (Covered bonds)	76.9%	Largest FX position (NPV in EURm)	USD (851.0)
WAL (Cover pool)	2.9y	Share of largest exposure tranche	88.6% (> EUR 10m)
WAL (Covered Bonds)	3.7y	Avg. seasoning	4.6y
Avg. LTV (Original value)	57.9%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

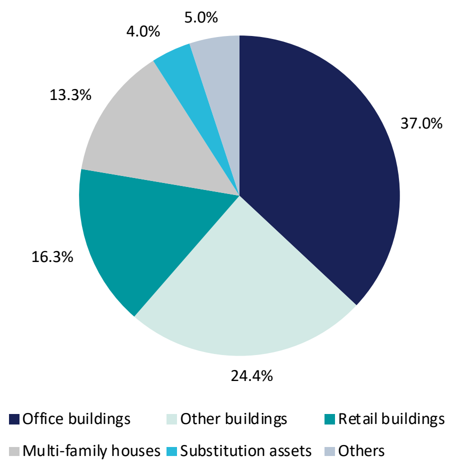
Development of cover pool data



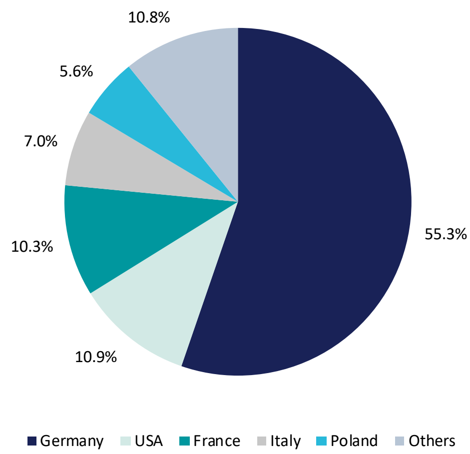
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

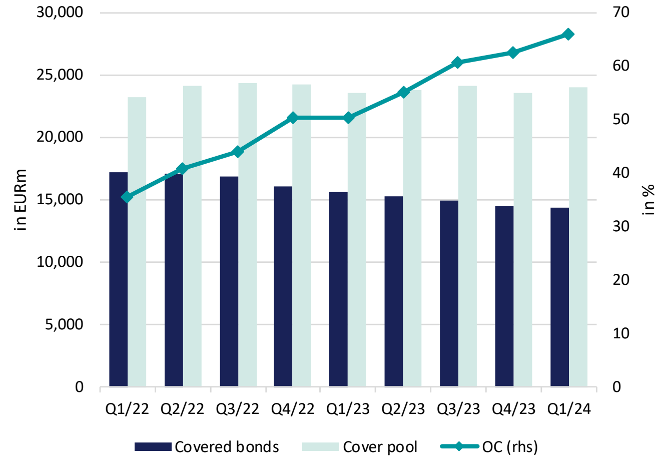
BayernLB

Public sector

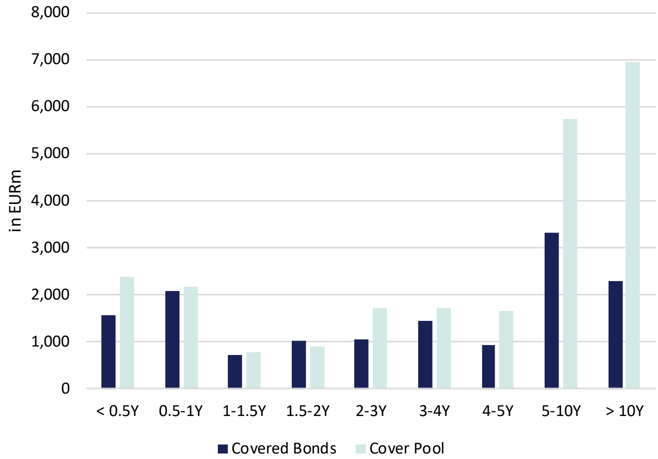
Cover pool data

Cover pool (EURm)	24,015.9	Number of loans	75,763
of which substitution assets	3.4%	Number of borrowers	49,091
of which derivatives	0.0%	Share of 10 largest borrowers	21.2%
Covered bonds (EURm)	14,450.6	Avg. exposure to borrowers (EUR)	472,661
OC (EURm)	9,565.3	EUR share (Cover pool)	99.3%
OC	66.2%	EUR share (Covered bonds)	94.7%
Fixed interest (Cover pool)	93.4%	Largest FX position (NPV in EURm)	GBP (-685.0)
Fixed interest (Covered bonds)	97.7%	Share of largest exposure tranche	58.7% (> EUR 100m)
WAL (Cover pool)	7.9y	Loans in arrears (>90 days)	0.05%
WAL (Covered Bonds)	5.3y		

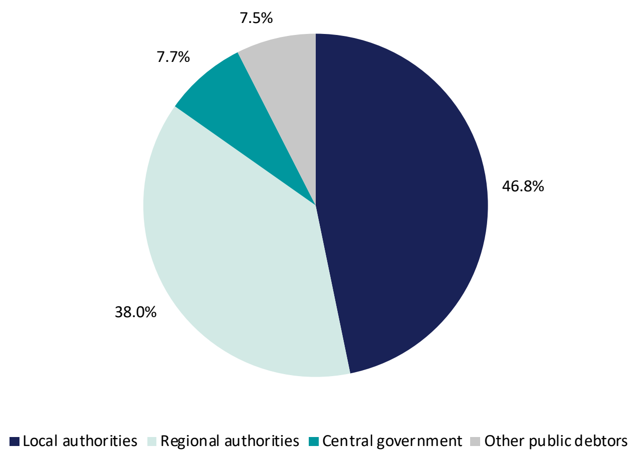
Development of cover pool data



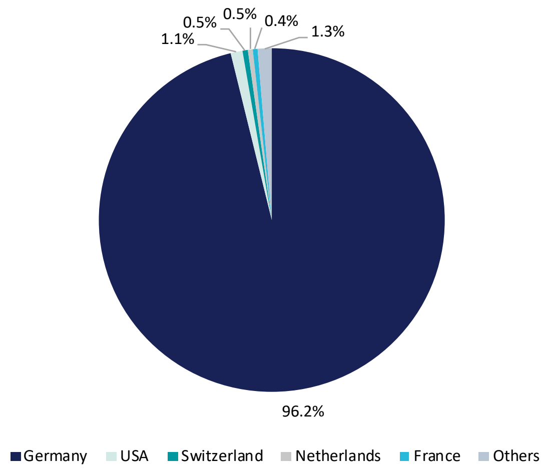
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

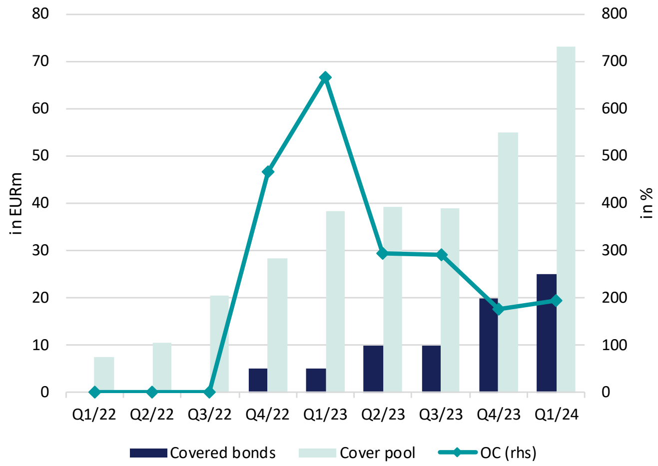
BBBank

Mortgage

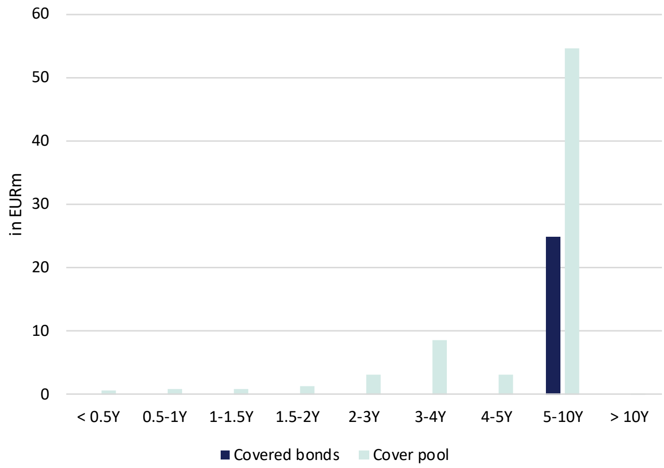
Cover pool data

Deckungsmasse (EURm)	73.3	Anzahl der Kredite	505
davon wohnwirtschaftlich	90.4%	Anzahl der Kreditnehmer	479
davon gewerblich	0.0%	Anzahl der Objekte	483
davon Ersatzdeckung	9.5%	Ø Darlehensbetrag pro Kreditnehmer (EUR)	138,434
davon Derivate	0.0%	Anteil der 10 größten Kreditnehmer	4.8%
Pfandbriefvolumen (EURm)	25.0	Anteil selbstgenutztes Wohneigentum	72.1%
Überdeckung (EURm)	48.3	Anteil Mehrfamilienhäuser	0.5%
Überdeckungsquote	193.3%	EUR-Anteil (Deckungsmasse)	100.0%
Anteil festverzinsliche Deckungsmasse	100.0%	EUR-Anteil (Pfandbriefe)	100.0%
Anteil festverzinsliche Pfandbriefe	100.0%	Größte FX-Position (NPV in EURm)	-
WAL (Deckungsmasse)	6.7y	Anteil der größten Forderungsklasse	94.9% (< EUR 0.3m)
WAL (Pfandbriefe)	7.6y	Ø Alter der Forderungen (Seasoning)	2.4y
Ø LTV (Ursprungswert)	53.0%	Rückständige Kredite (>90 Tage)	0.00%
Ø LTV (Marktwert)	n/a		

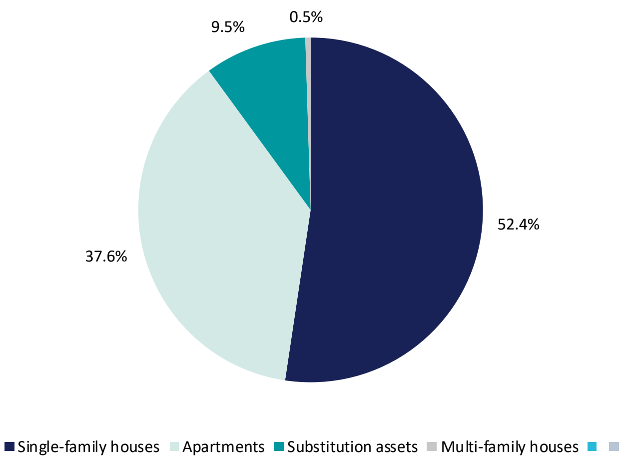
Development of cover pool data



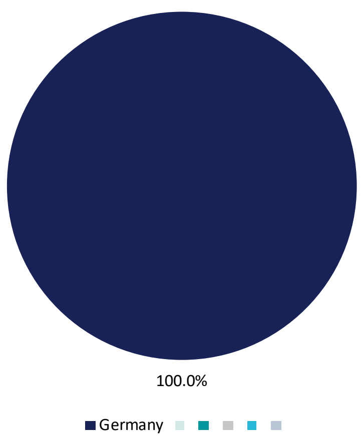
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

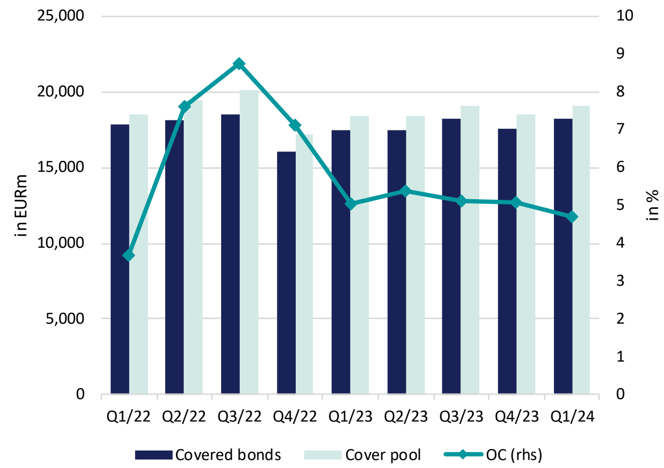
Berlin Hyp

Mortgage

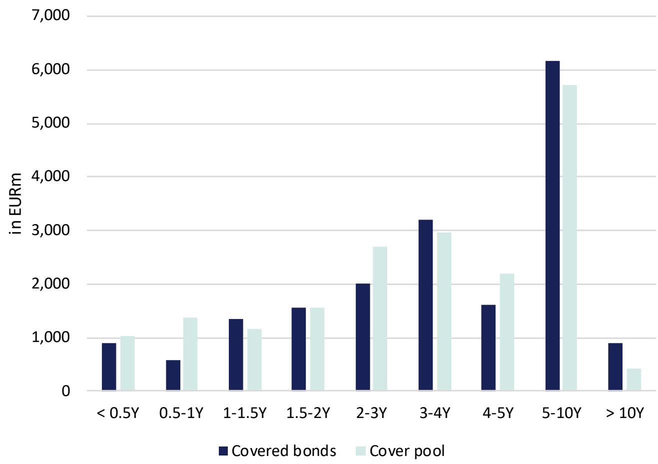
Cover pool data

Cover pool (EURm)	19,090.0	Number of loans	1,370
of which residential	32.0%	Number of borrowers	1,268
of which commercial	61.5%	Number of properties	4,706
of which substitution assets	6.6%	Avg. exposure to borrowers (EUR)	14,065,464
of which derivatives	0.0%	Share of 10 largest borrowers	17.7%
Covered bonds (EURm)	18,234.4	Share of owner-occupied dwellings	0.0%
OC (EURm)	855.6	Share of multi-familiy houses	30.6%
OC	4.7%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	75.6%	EUR share (Covered bonds)	98.9%
Fixed interest (Covered bonds)	97.4%	Largest FX position (NPV in EURm)	CHF (-233.8)
WAL (Cover pool)	4.1y	Share of largest exposure tranche	87.2% (> EUR 10m)
WAL (Covered Bonds)	5.3y	Avg. seasoning	4.5y
Avg. LTV (Original value)	57.3%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

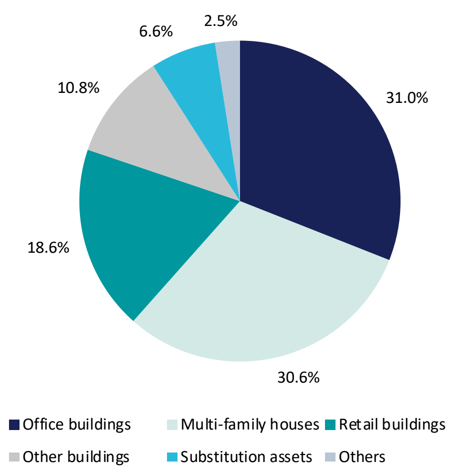
Development of cover pool data



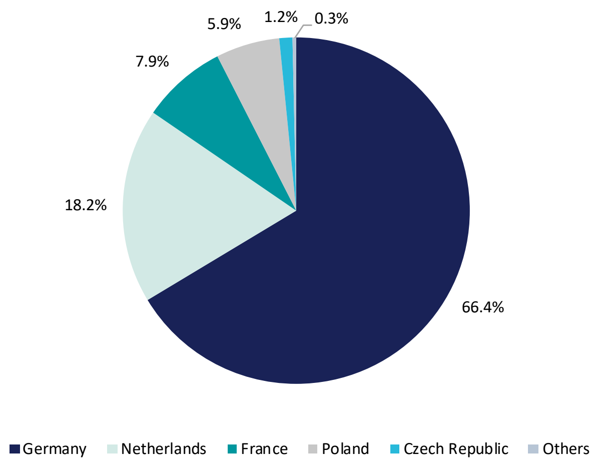
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

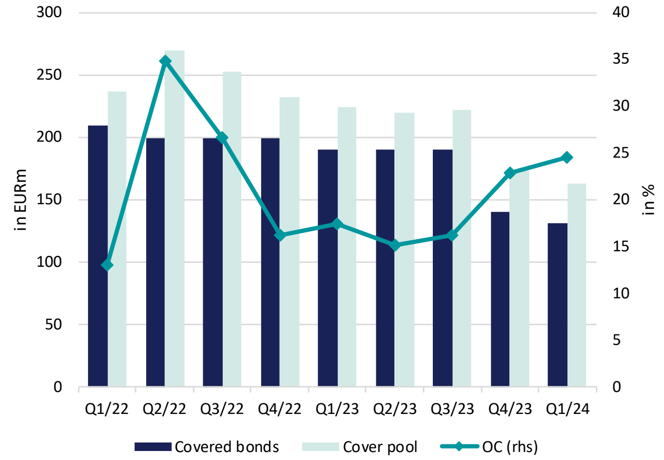
Berlin Hyp

Public sector

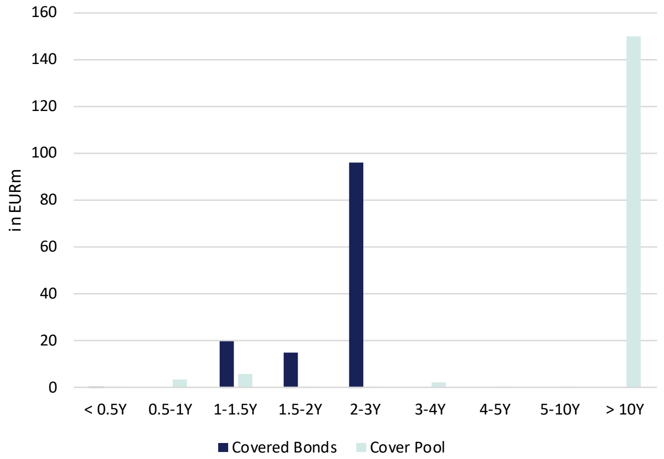
Cover pool data

Cover pool (EURm)	163.1	Number of loans	28
of which substitution assets	0.0%	Number of borrowers	26
of which derivatives	0.0%	Share of 10 largest borrowers	96.5%
Covered bonds (EURm)	131.0	Avg. exposure to borrowers (EUR)	6,274,655
OC (EURm)	32.1	EUR share (Cover pool)	100.0%
OC	24.5%	EUR share (Covered bonds)	100.0%
Fixed interest (Cover pool)	100.0%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	91.9% (EUR 10-100m)
WAL (Cover pool)	12.6y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	2.5y		

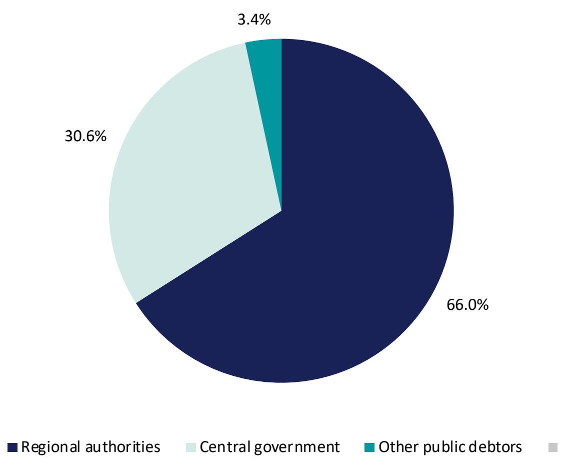
Development of cover pool data



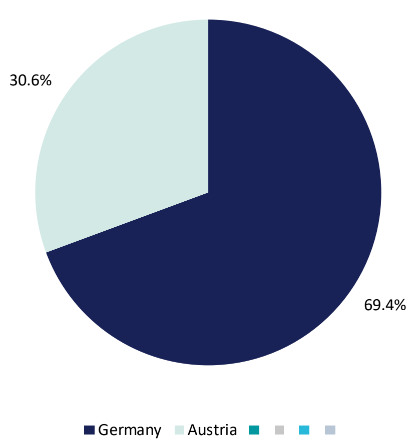
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

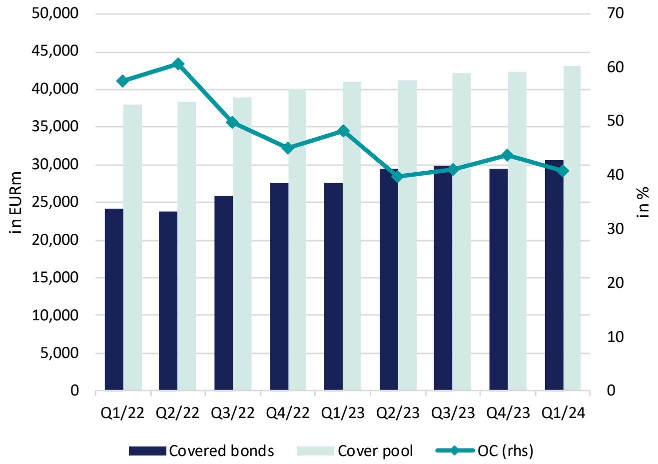
Commerzbank

Mortgage

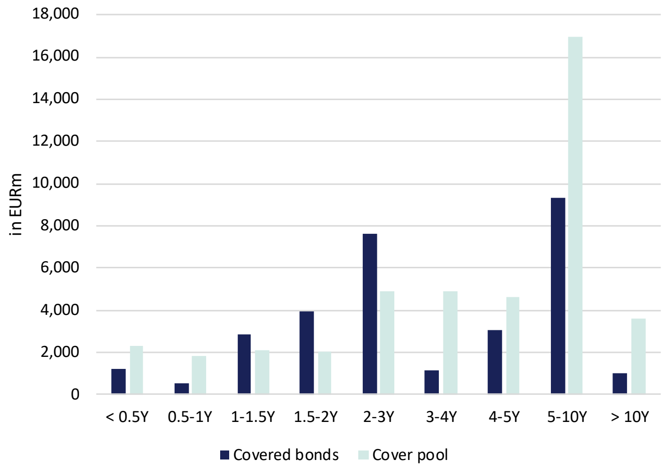
Cover pool data

Cover pool (EURm)	43,168.7	Number of loans	317,802
of which residential	94.5%	Number of borrowers	244,470
of which commercial	1.8%	Number of properties	273,705
of which substitution assets	3.7%	Avg. exposure to borrowers (EUR)	170,062
of which derivatives	0.0%	Share of 10 largest borrowers	1.4%
Covered bonds (EURm)	30,635.7	Share of owner-occupied dwellings	15.8%
OC (EURm)	12,532.9	Share of multi-familiy houses	9.6%
OC	40.9%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	98.1%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	77.1%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	5.9y	Share of largest exposure tranche	74.3% (< EUR 0.3m)
WAL (Covered Bonds)	4.3y	Avg. seasoning	5.3y
Avg. LTV (Original value)	51.1%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

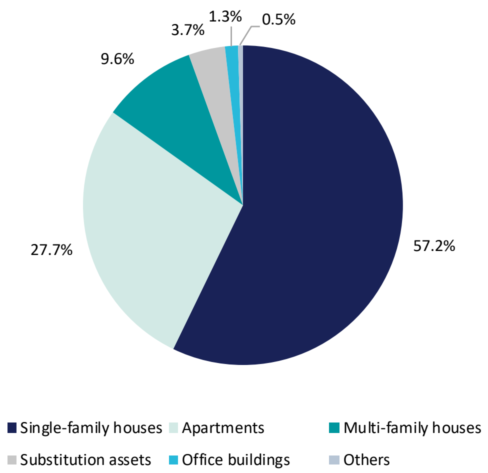
Development of cover pool data



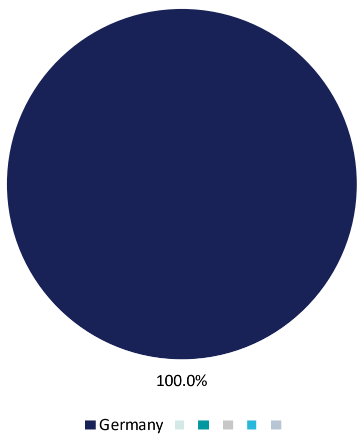
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

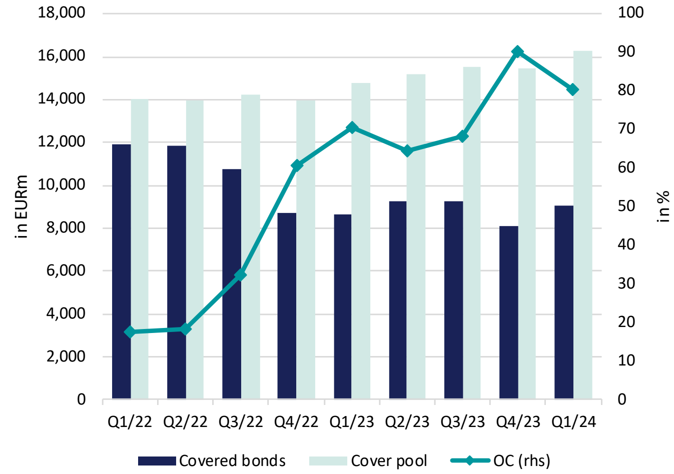
Commerzbank

Public sector

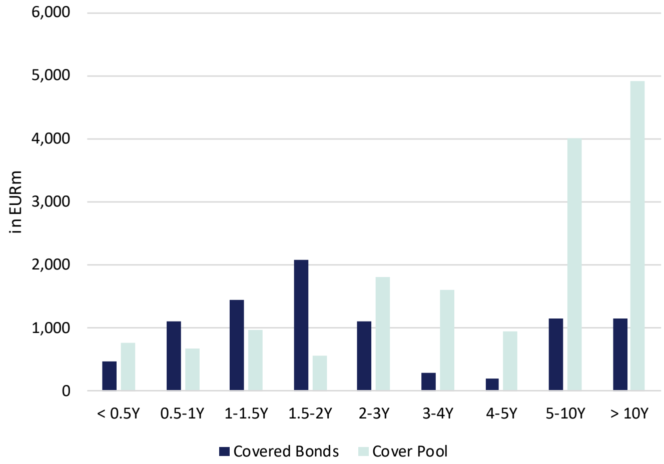
Cover pool data

Cover pool (EURm)	16,285.5	Number of loans	2,077
of which substitution assets	0.0%	Number of borrowers	847
of which derivatives	0.0%	Share of 10 largest borrowers	22.9%
Covered bonds (EURm)	9,037.2	Avg. exposure to borrowers (EUR)	19,227,286
OC (EURm)	7,248.3	EUR share (Cover pool)	86.0%
OC	80.2%	EUR share (Covered bonds)	96.9%
Fixed interest (Cover pool)	77.4%	Largest FX position (NPV in EURm)	USD (1,031.8)
Fixed interest (Covered bonds)	61.8%	Share of largest exposure tranche	46.7% (> EUR 100m)
WAL (Cover pool)	8.3y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	3.8y		

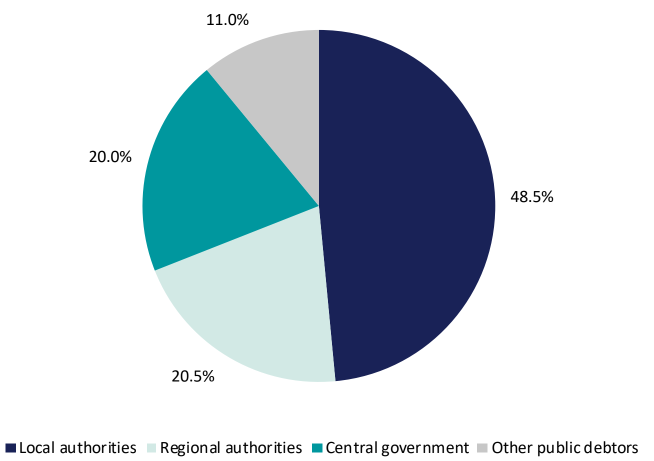
Development of cover pool data



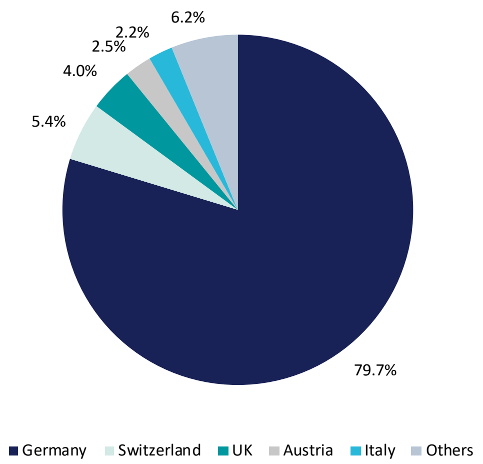
Maturity structure



Composition of primary assets



Regional distribution of claims



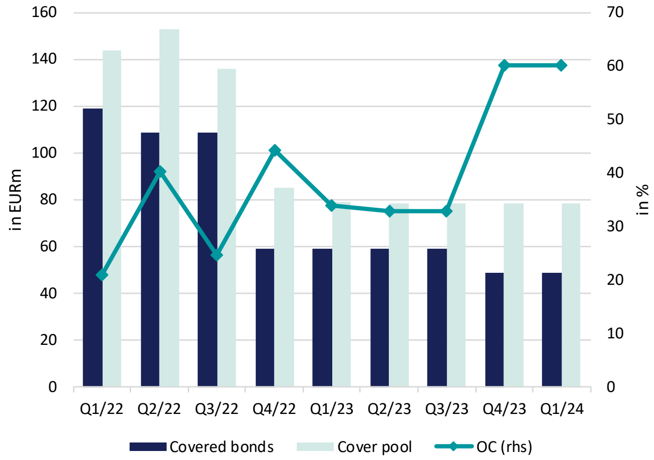
Source: vdp, NORD/LB Floor Research

Commerzbank — Ship

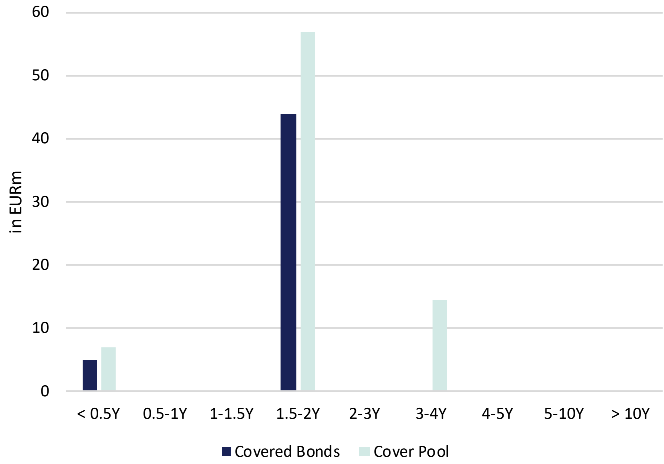
Cover pool data

Cover pool (EURm)	78.5	Number of loans	0
of which substitution assets	100.0%	Number of borrowers	0
of which derivatives	0.0%	Avg. exposure to borrowers (EUR)	n/a
Covered bonds (EURm)	49.0	Largest FX position (NPV in EURm)	-
OC (EURm)	29.5	Share of largest exposure tranche	n/a
OC	60.2%	Loans in arrears (>90 days)	0.00%
Fixed interest (Cover pool)	100.0%		
Fixed interest (Covered bonds)	100.0%		
WAL (Cover pool)	2.0y		
WAL (Covered Bonds)	1.5y		

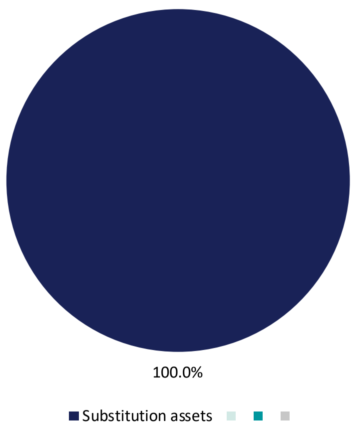
Development of cover pool data



Maturity structure



Composition of cover pool



Regional distribution of primary assets

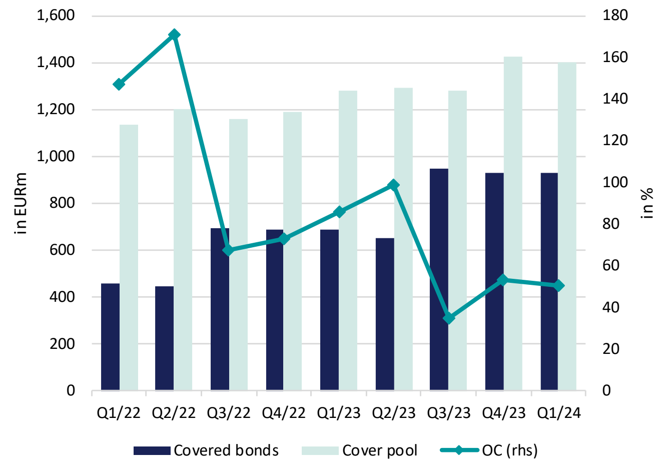
Source: vdp, NORD/LB Floor Research

DekaBank — Mortgage

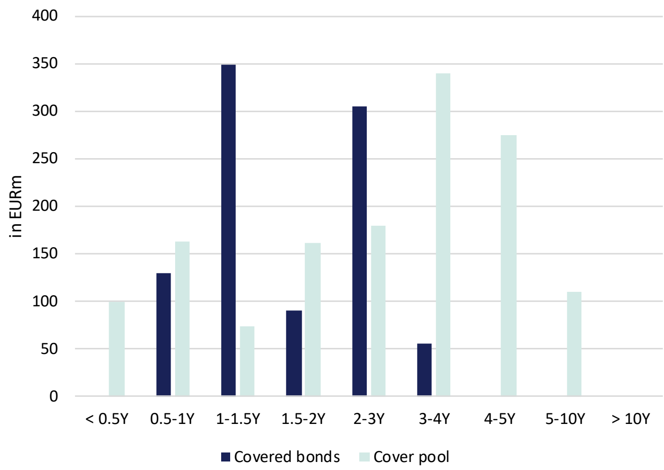
Cover pool data

Cover pool (EURm)	1,403.6	Number of loans	30
of which residential	0.0%	Number of borrowers	37
of which commercial	84.0%	Number of properties	47
of which substitution assets	16.0%	Avg. exposure to borrowers (EUR)	31,863,189
of which derivatives	0.0%	Share of 10 largest borrowers	39.7%
Covered bonds (EURm)	931.0	Share of owner-occupied dwellings	0.0%
OC (EURm)	472.6	Share of multi-familiy houses	0.0%
OC	50.8%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	84.8%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	2.9y	Share of largest exposure tranche	96.7% (> EUR 10m)
WAL (Covered Bonds)	1.8y	Avg. seasoning	4.2y
Avg. LTV (Original value)	59.8%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

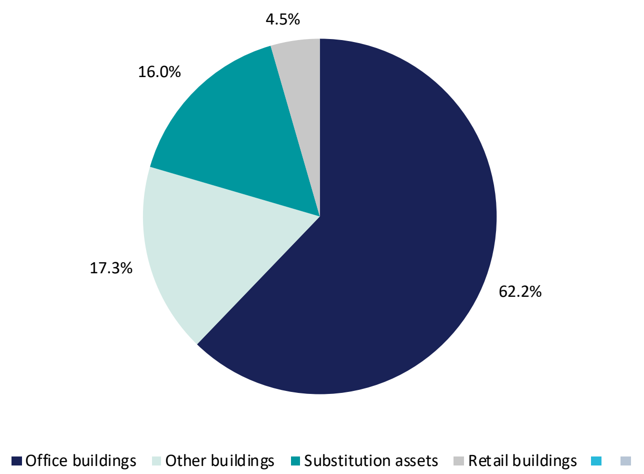
Development of cover pool data



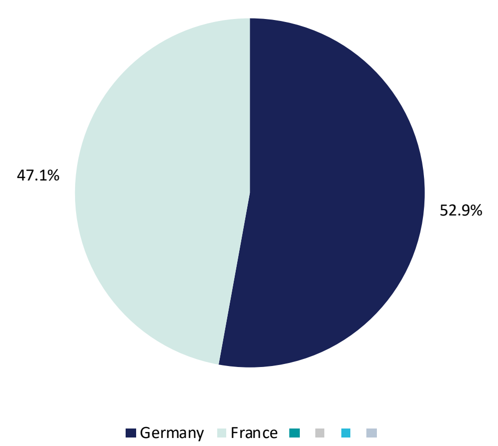
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

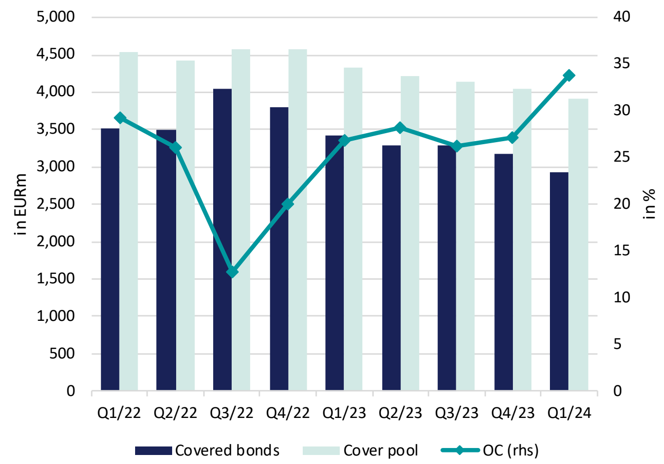
DekaBank

Public sector

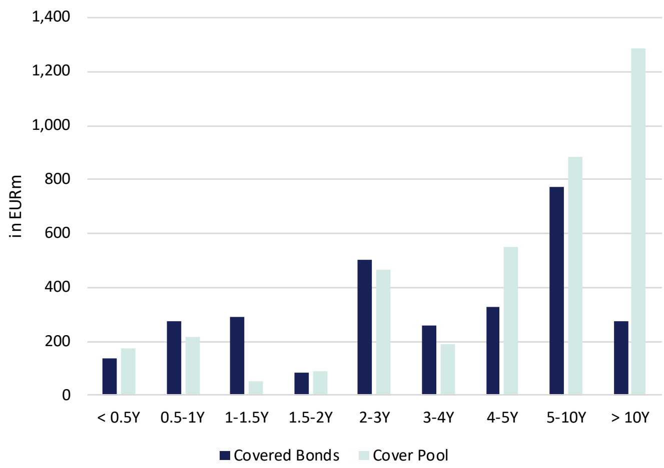
Cover pool data

Cover pool (EURm)	3,907.9	Number of loans	261
of which substitution assets	2.8%	Number of borrowers	85
of which derivatives	0.0%	Share of 10 largest borrowers	37.6%
Covered bonds (EURm)	2,921.3	Avg. exposure to borrowers (EUR)	44,669,753
OC (EURm)	986.6	EUR share (Cover pool)	98.1%
OC	33.8%	EUR share (Covered bonds)	98.4%
Fixed interest (Cover pool)	87.4%	Largest FX position (NPV in EURm)	USD (35.5)
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	58.8% (EUR 10-100m)
WAL (Cover pool)	5.9y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	4.5y		

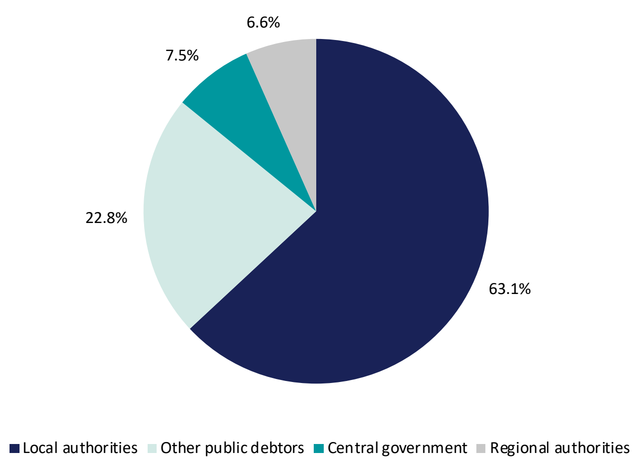
Development of cover pool data



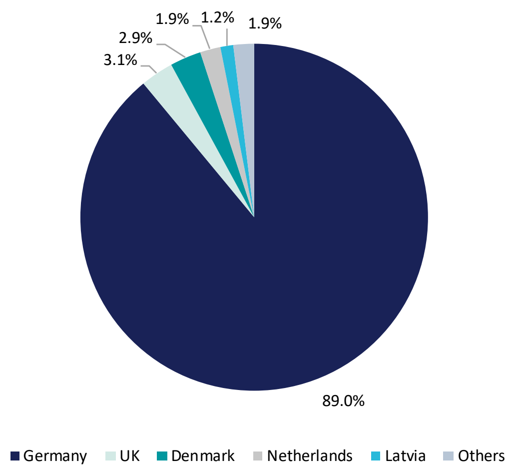
Maturity structure



Composition of primary assets



Regional distribution of claims



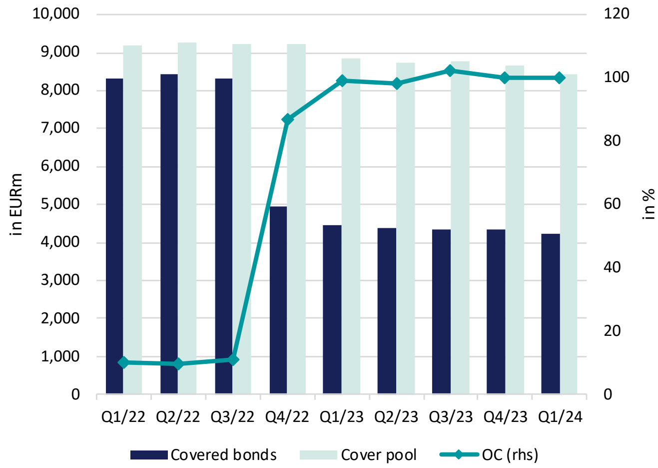
Source: vdp, NORD/LB Floor Research

Deutsche Apotheker- und Ärztebank — Mortgage

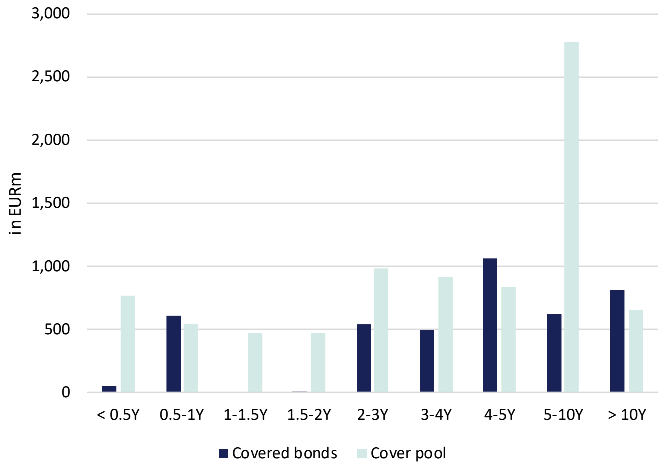
Cover pool data

Cover pool (EURm)	8,445.0	Number of loans	74,384
of which residential	77.8%	Number of borrowers	40,923
of which commercial	17.3%	Number of properties	55,384
of which substitution assets	4.9%	Avg. exposure to borrowers (EUR)	196,222
of which derivatives	0.0%	Share of 10 largest borrowers	5.5%
Covered bonds (EURm)	4,216.6	Share of owner-occupied dwellings	53.6%
OC (EURm)	4,228.4	Share of multi-familiy houses	10.3%
OC	100.3%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	93.6%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	98.9%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	4.7y	Share of largest exposure tranche	70.1% (< EUR 0.3m)
WAL (Covered Bonds)	6.7y	Avg. seasoning	6.3y
Avg. LTV (Original value)	54.4%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

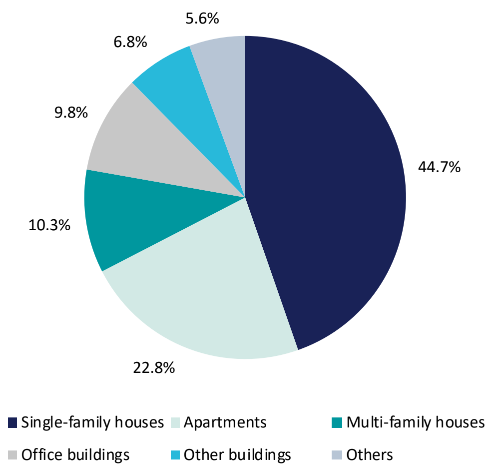
Development of cover pool data



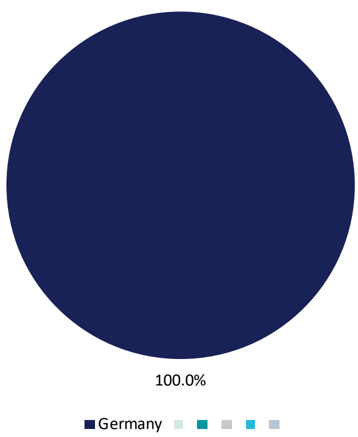
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

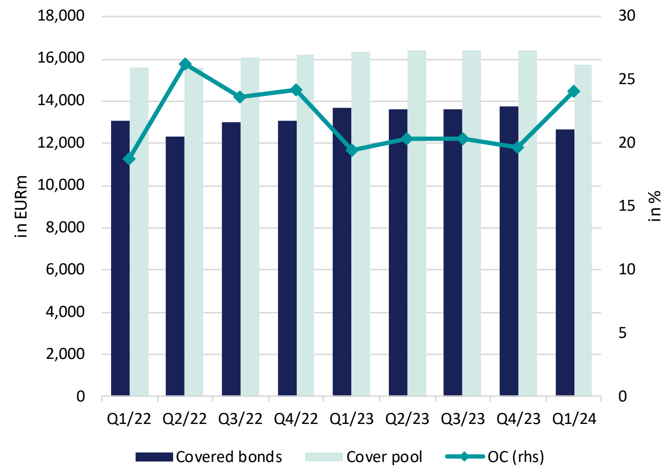
Deutsche Bank

Mortgage

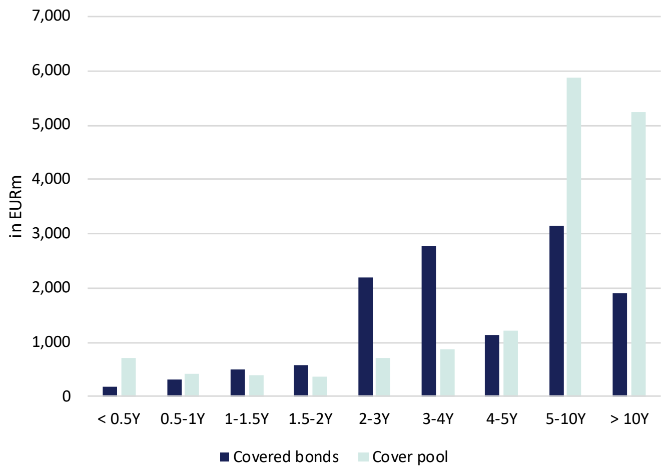
Cover pool data

Cover pool (EURm)	15,742.1	Number of loans	n/a
of which residential	90.1%	Number of borrowers	n/a
of which commercial	5.9%	Number of properties	n/a
of which substitution assets	13.0%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	12,682.0	Share of owner-occupied dwellings	n/a
OC (EURm)	3,060.1	Share of multi-familiy houses	n/a
OC	24.1%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	99.6%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	92.3%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	80.0% (< EUR 0.3m)
WAL (Covered Bonds)	n/a	Avg. seasoning	5.7y
Avg. LTV (Original value)	54.0%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

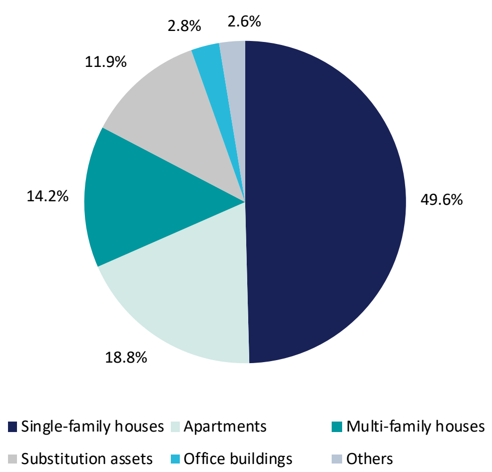
Development of cover pool data



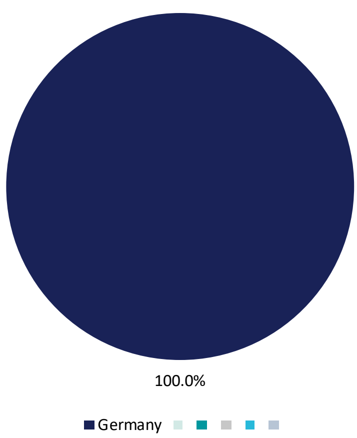
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: Deutsche Bank, NORD/LB Floor Research

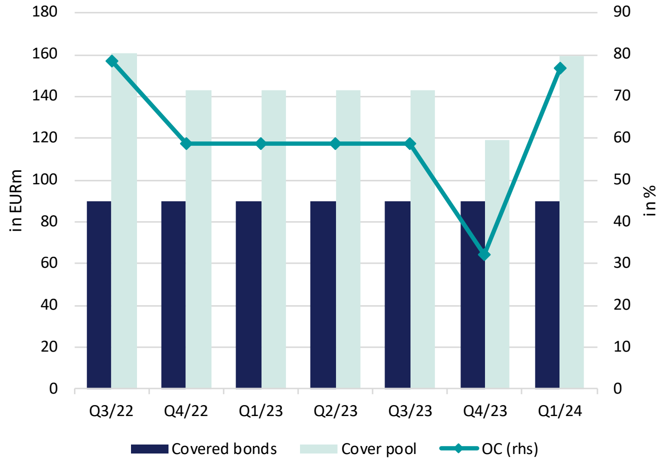
Deutsche Bank

Public sector

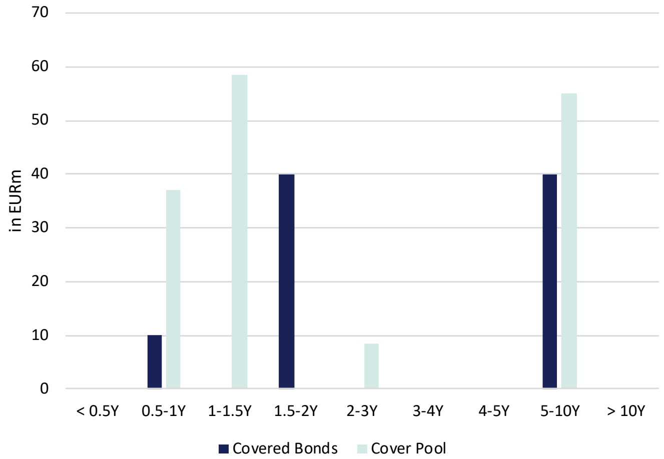
Cover pool data

Cover pool (EURm)	159.0	Number of loans	n/a
of which substitution assets	0.0%	Number of borrowers	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	90.0	Avg. exposure to borrowers (EUR)	n/a
OC (EURm)	69.0	EUR share (Cover pool)	n/a
OC	76.7%	EUR share (Covered bonds)	n/a
Fixed interest (Cover pool)	100.0%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	100.0% (EUR 10-100m)
WAL (Cover pool)	n/a	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	n/a		

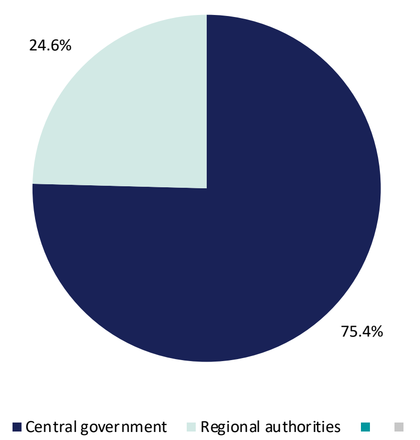
Development of cover pool data



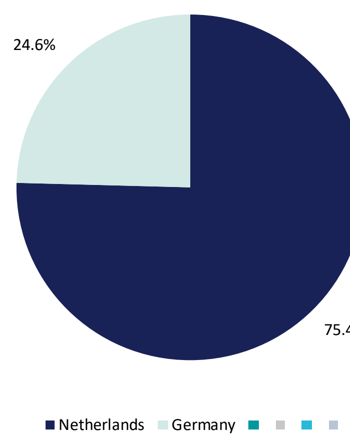
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: Deutsche Bank, NORD/LB Floor Research

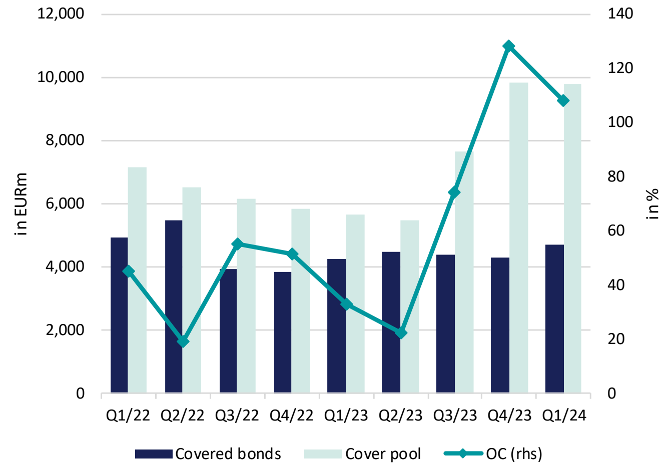
Deutsche Kreditbank

Mortgage

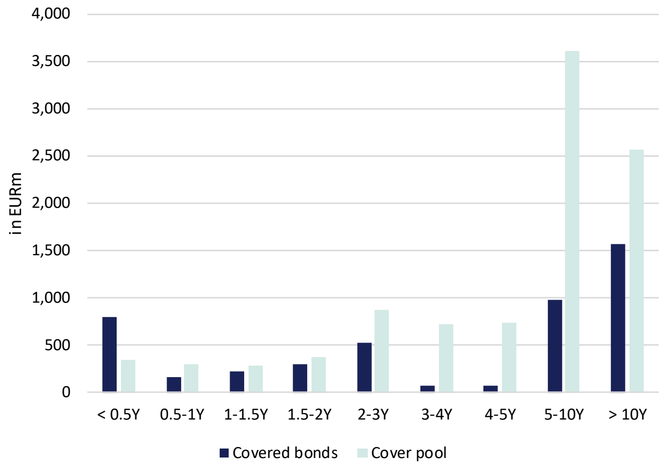
Cover pool data

Cover pool (EURm)	9,817.8	Number of loans	n/a
of which residential	89.2%	Number of borrowers	n/a
of which commercial	2.2%	Number of properties	n/a
of which substitution assets	0.0%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	4,716.0	Share of owner-occupied dwellings	n/a
OC (EURm)	5,101.8	Share of multi-familiy houses	n/a
OC	108.2%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	96.8%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	38.4% (> EUR 10m)
WAL (Covered Bonds)	n/a	Avg. seasoning	7.2y
Avg. LTV (Original value)	53.1%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

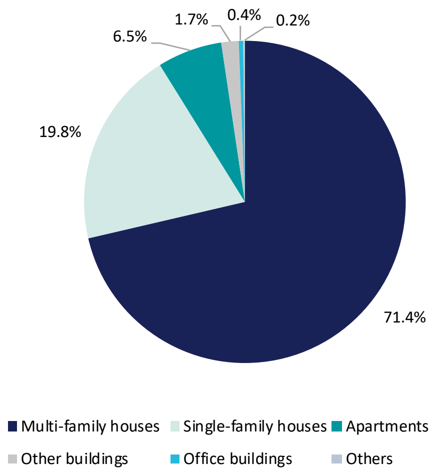
Development of cover pool data



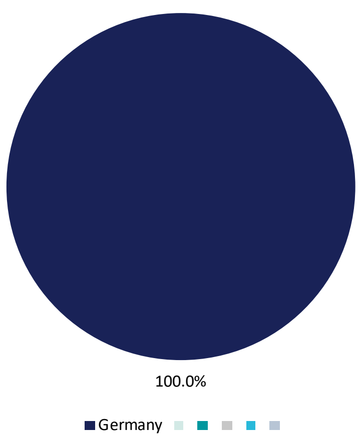
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

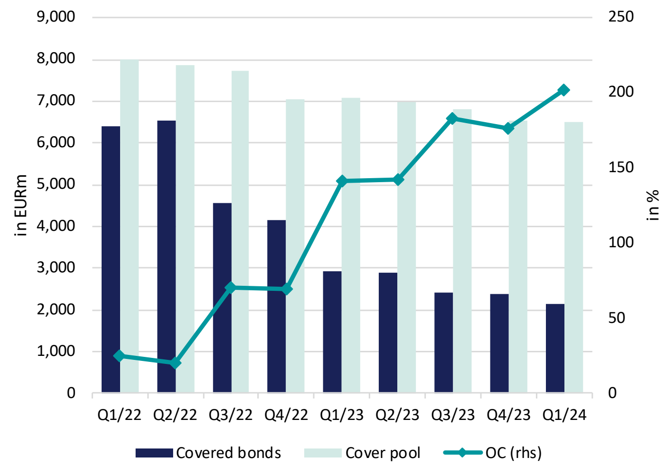
Deutsche Kreditbank

Public sector

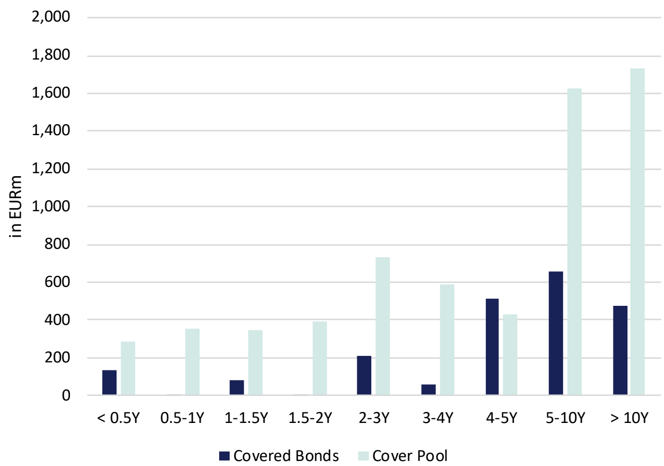
Cover pool data

Cover pool (EURm)	6,487.5	Number of loans	n/a
of which substitution assets	0.0%	Number of borrowers	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	2,148.3	Avg. exposure to borrowers (EUR)	n/a
OC (EURm)	4,339.2	EUR share (Cover pool)	n/a
OC	202.0%	EUR share (Covered bonds)	n/a
Fixed interest (Cover pool)	98.7%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	71.8% (< EUR 10m)
WAL (Cover pool)	n/a	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	n/a		

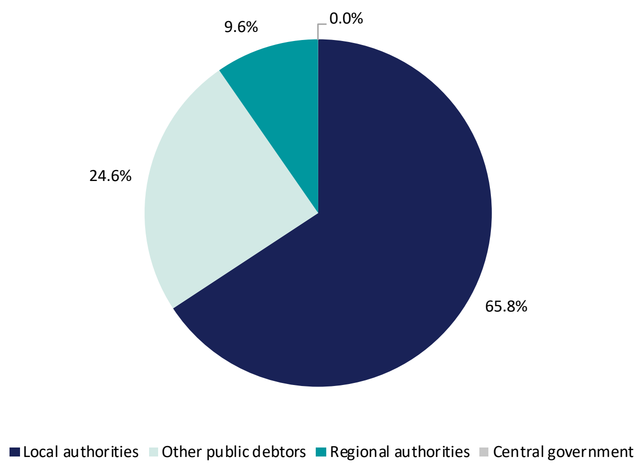
Development of cover pool data



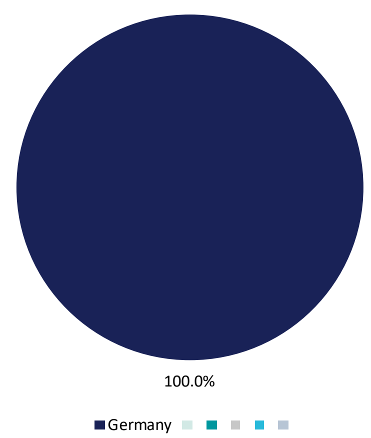
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

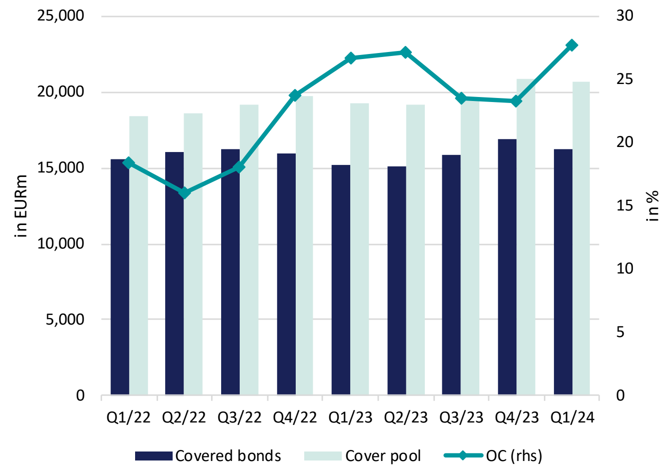
NORD/LB

Deutsche Pfandbriefbank — Mortgage

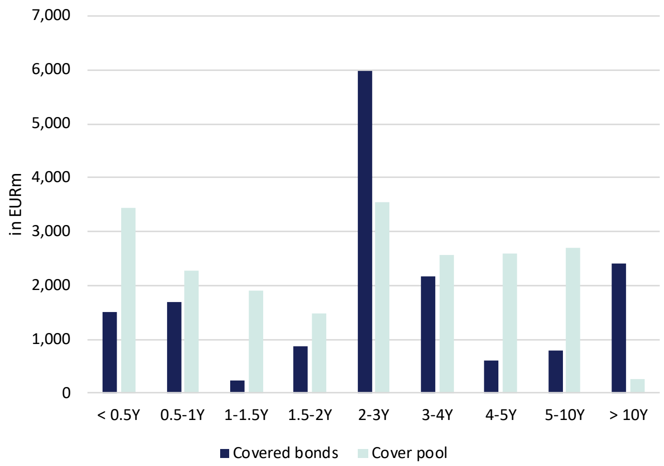
Cover pool data

Cover pool (EURm)	20,747.0	Number of loans	1,445
of which residential	16.8%	Number of borrowers	718
of which commercial	78.6%	Number of properties	3,290
of which substitution assets	4.5%	Avg. exposure to borrowers (EUR)	27,589,136
of which derivatives	0.0%	Share of 10 largest borrowers	7.6%
Covered bonds (EURm)	16,244.0	Share of owner-occupied dwellings	0.0%
OC (EURm)	4,503.0	Share of multi-familiy houses	15.0%
OC	27.7%	EUR share (Cover pool)	73.2%
Fixed interest (Cover pool)	57.9%	EUR share (Covered bonds)	78.6%
Fixed interest (Covered bonds)	87.7%	Largest FX position (NPV in EURm)	USD (2,150.0)
WAL (Cover pool)	3.2y	Share of largest exposure tranche	93.6% (> EUR 10m)
WAL (Covered Bonds)	5.2y	Avg. seasoning	3.6y
Avg. LTV (Original value)	56.8%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	35.5%		

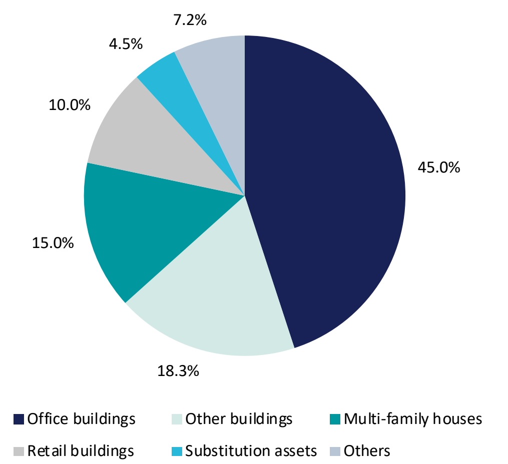
Development of cover pool data



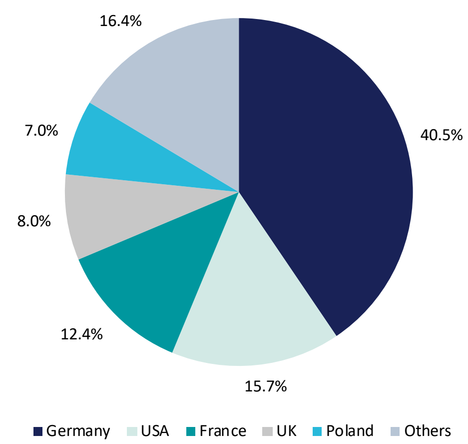
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

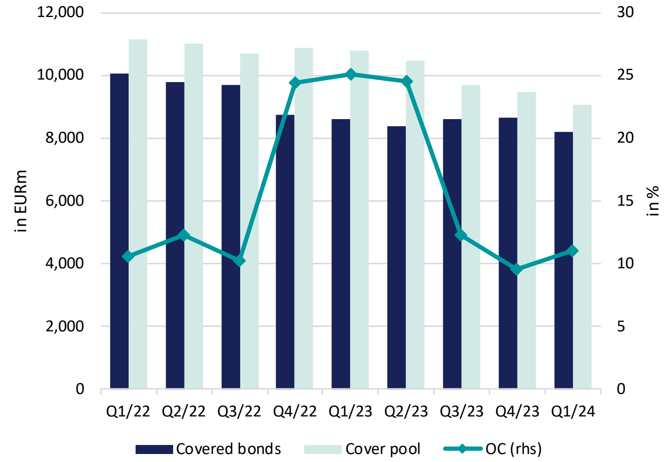
Deutsche Pfandbriefbank

Public sector

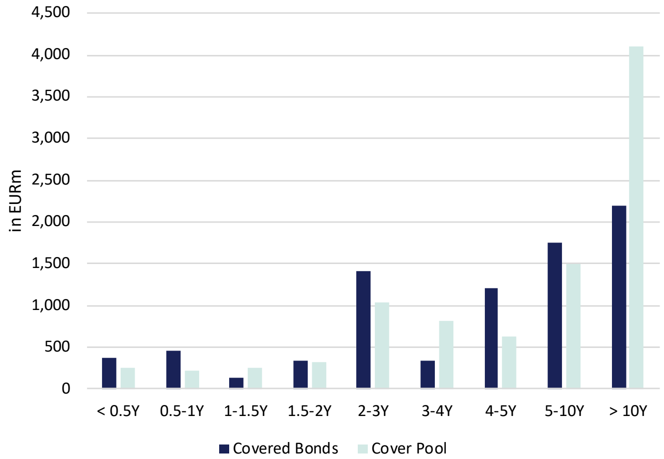
Cover pool data

Cover pool (EURm)	9,094.0	Number of loans	408
of which substitution assets	0.0%	Number of borrowers	180
of which derivatives	0.0%	Share of 10 largest borrowers	62.6%
Covered bonds (EURm)	8,193.0	Avg. exposure to borrowers (EUR)	50,527,778
OC (EURm)	901.0	EUR share (Cover pool)	96.4%
OC	11.0%	EUR share (Covered bonds)	99.8%
Fixed interest (Cover pool)	74.7%	Largest FX position (NPV in EURm)	GBP (167.0)
Fixed interest (Covered bonds)	74.5%	Share of largest exposure tranche	66.4% (> EUR 100m)
WAL (Cover pool)	7.9y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	6.2y		

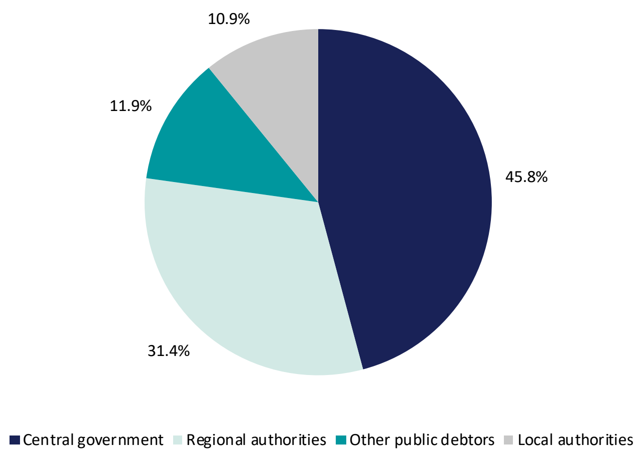
Development of cover pool data



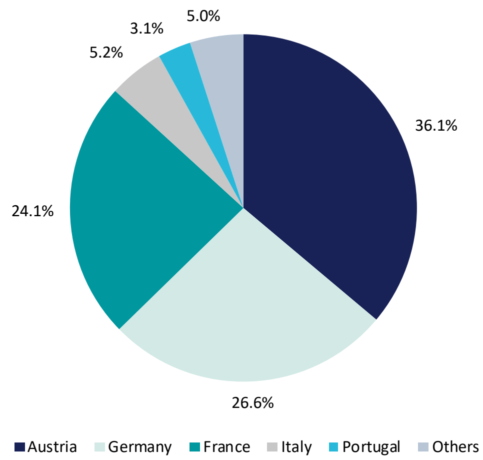
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

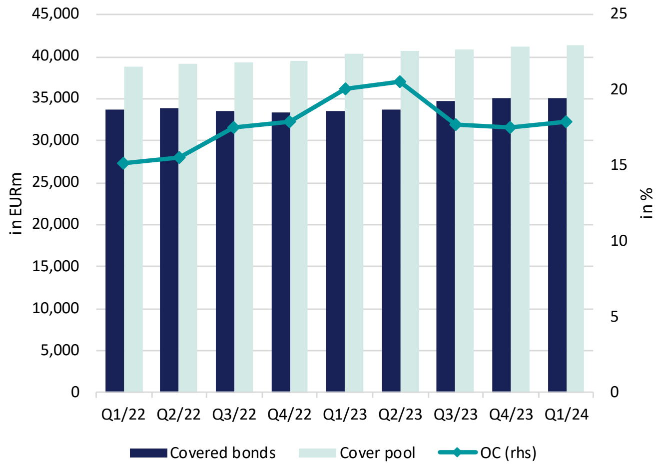
DZ HYP

Mortgage

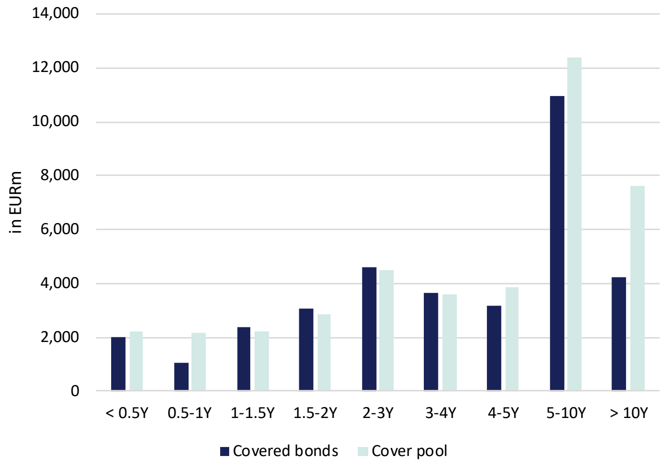
Cover pool data

Cover pool (EURm)	41,358.0	Number of loans	112,318
of which residential	56.7%	Number of borrowers	97,799
of which commercial	40.8%	Number of properties	112,403
of which substitution assets	2.5%	Avg. exposure to borrowers (EUR)	412,356
of which derivatives	0.0%	Share of 10 largest borrowers	4.4%
Covered bonds (EURm)	35,076.0	Share of owner-occupied dwellings	24.2%
OC (EURm)	6,282.0	Share of multi-familiy houses	29.8%
OC	17.9%	EUR share (Cover pool)	99.2%
Fixed interest (Cover pool)	89.9%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	98.8%	Largest FX position (NPV in EURm)	GBP (261.2)
WAL (Cover pool)	6.2y	Share of largest exposure tranche	41.0% (> EUR 10m)
WAL (Covered Bonds)	5.6y	Avg. seasoning	5.4y
Avg. LTV (Original value)	54.0%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

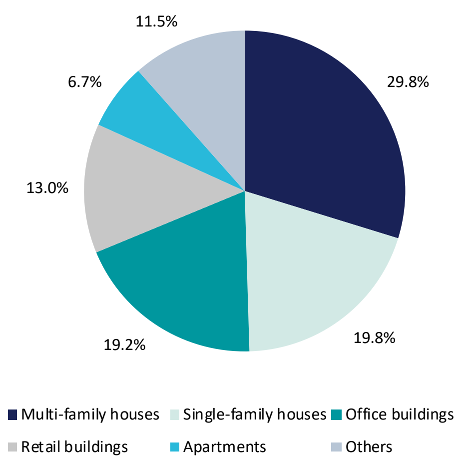
Development of cover pool data



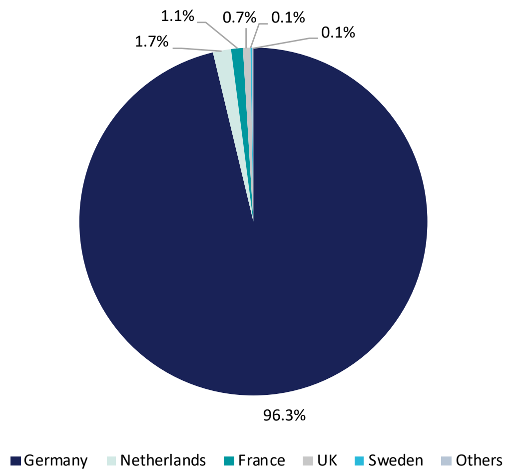
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

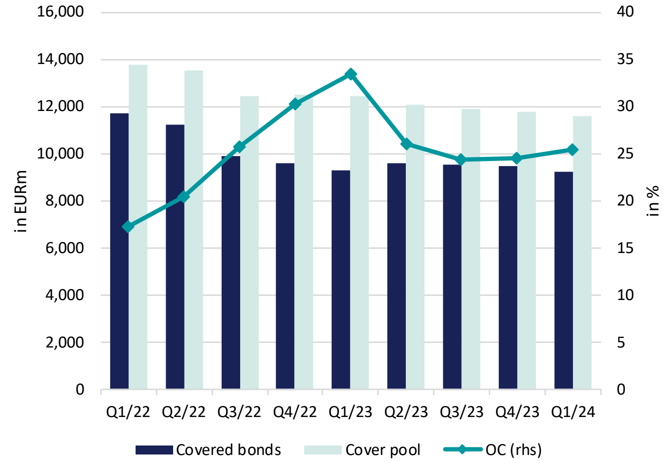
DZ HYP

Public sector

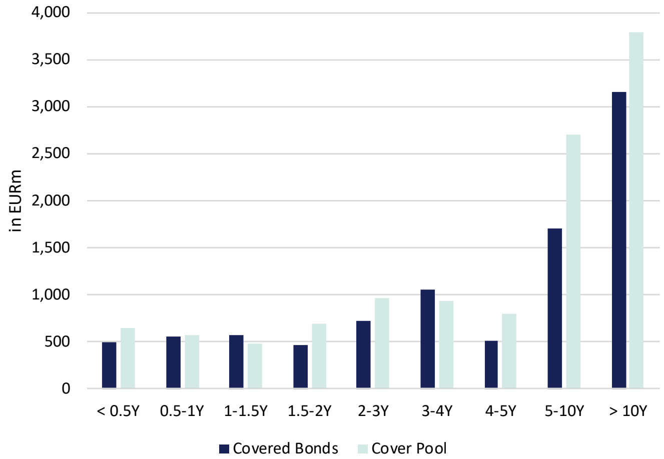
Cover pool data

Cover pool (EURm)	11,606.7	Number of loans	15,708
of which substitution assets	0.0%	Number of borrowers	4,718
of which derivatives	0.0%	Share of 10 largest borrowers	17.0%
Covered bonds (EURm)	9,244.4	Avg. exposure to borrowers (EUR)	2,460,089
OC (EURm)	2,362.3	EUR share (Cover pool)	96.4%
OC	25.6%	EUR share (Covered bonds)	95.8%
Fixed interest (Cover pool)	96.7%	Largest FX position (NPV in EURm)	USD (-86.9)
Fixed interest (Covered bonds)	95.5%	Share of largest exposure tranche	46.4% (< EUR 10m)
WAL (Cover pool)	7.6y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	7.1y		

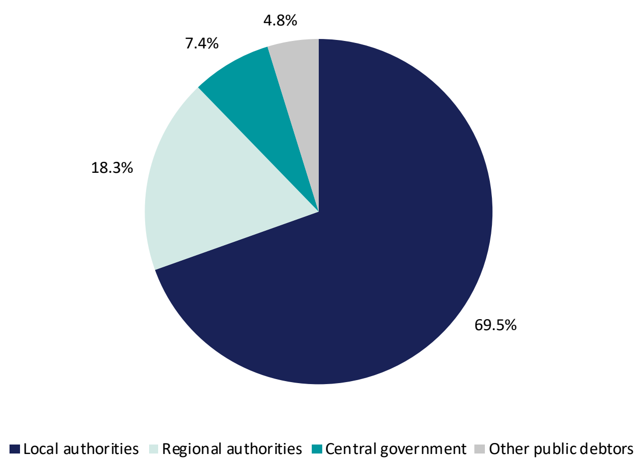
Development of cover pool data



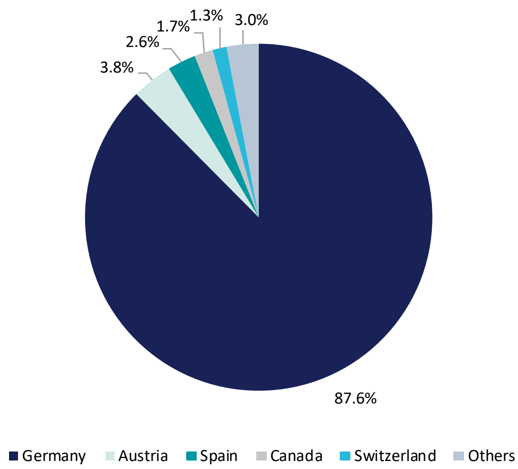
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

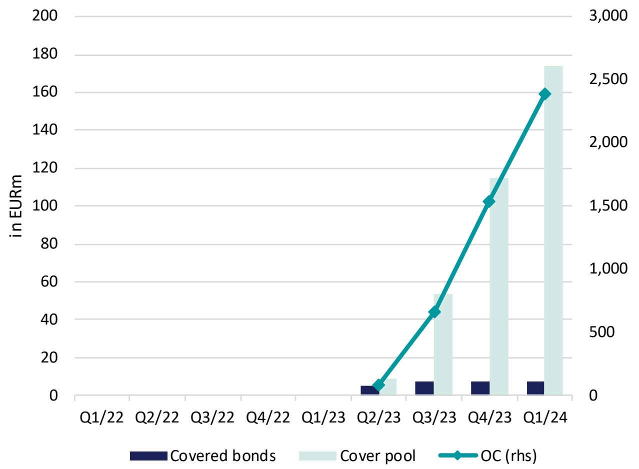
Evangelische Bank

Mortgage

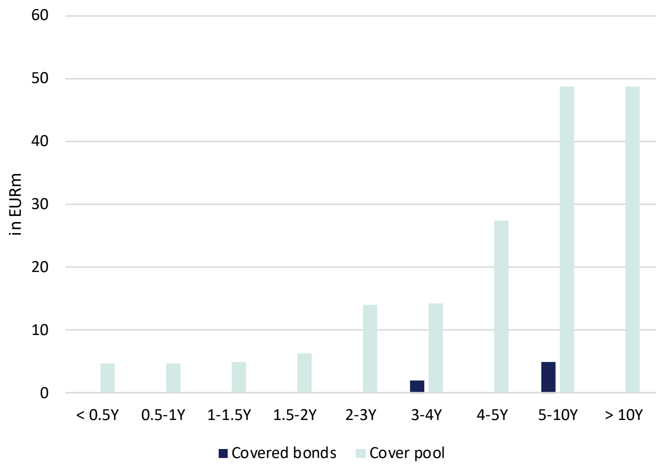
Cover pool data

Deckungsmasse (EURm)	174.1	Anzahl der Kredite	n/a
davon wohnwirtschaftlich	52.1%	Anzahl der Kreditnehmer	n/a
davon gewerblich	43.9%	Anzahl der Objekte	n/a
davon Ersatzdeckung	4.0%	Ø Darlehensbetrag pro Kreditnehmer (EUR)	n/a
davon Derivate	0.0%	Anteil der 10 größten Kreditnehmer	n/a
Pfandbriefvolumen (EURm)	7.0	Anteil selbstgenutztes Wohneigentum	n/a
Überdeckung (EURm)	167.1	Anteil Mehrfamilienhäuser	n/a
Überdeckungsquote	2387.2%	EUR-Anteil (Deckungsmasse)	n/a
Anteil festverzinsliche Deckungsmasse	100.0%	EUR-Anteil (Pfandbriefe)	n/a
Anteil festverzinsliche Pfandbriefe	97.8%	Größte FX-Position (NPV in EURm)	-
WAL (Deckungsmasse)	n/a	Anteil der größten Forderungsklasse	75.9% (EUR 1-10m)
WAL (Pfandbriefe)	n/a	Ø Alter der Forderungen (Seasoning)	7.8y
Ø LTV (Ursprungswert)	48.4%	Rückständige Kredite (>90 Tage)	0.00%
Ø LTV (Marktwert)	n/a		

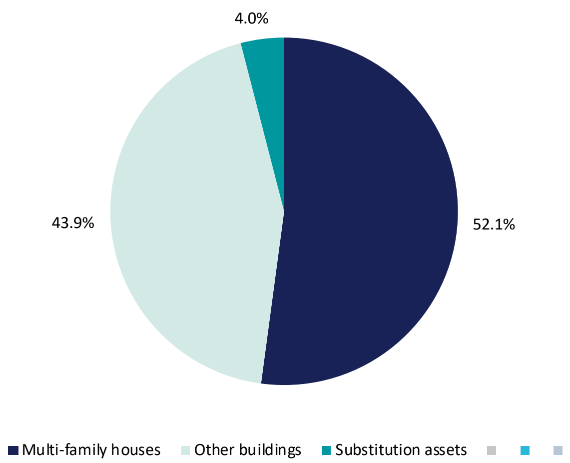
Development of cover pool data



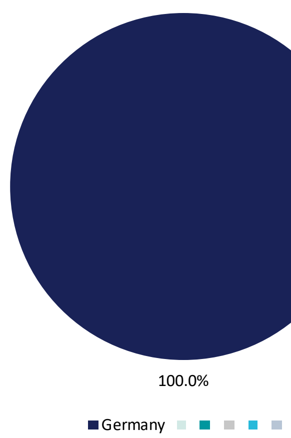
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

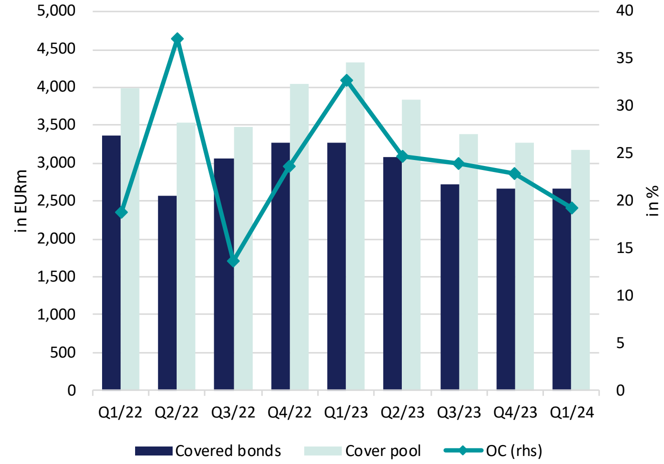
Hamburg Commercial Bank

Mortgage

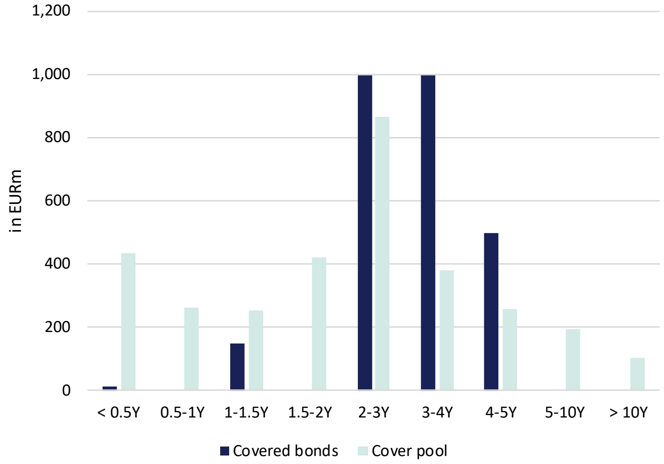
Cover pool data

Cover pool (EURm)	3,174.9	Number of loans	310
of which residential	17.7%	Number of borrowers	198
of which commercial	76.1%	Number of properties	647
of which substitution assets	6.3%	Avg. exposure to borrowers (EUR)	15,027,831
of which derivatives	0.0%	Share of 10 largest borrowers	28.3%
Covered bonds (EURm)	2,660.5	Share of owner-occupied dwellings	0.0%
OC (EURm)	514.4	Share of multi-familiy houses	16.9%
OC	19.3%	EUR share (Cover pool)	95.8%
Fixed interest (Cover pool)	54.4%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	94.4%	Largest FX position (NPV in EURm)	USD (128.1)
WAL (Cover pool)	3.1y	Share of largest exposure tranche	80.2% (> EUR 10m)
WAL (Covered Bonds)	3.2y	Avg. seasoning	5.1y
Avg. LTV (Original value)	57.4%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

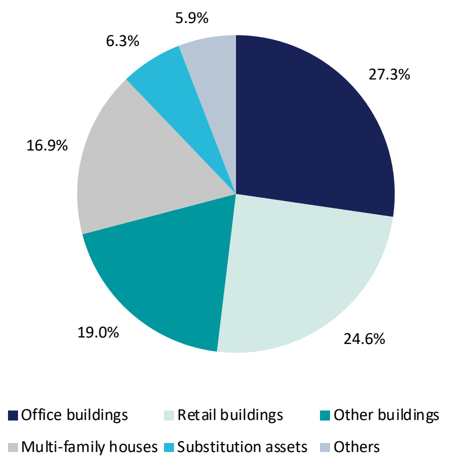
Development of cover pool data



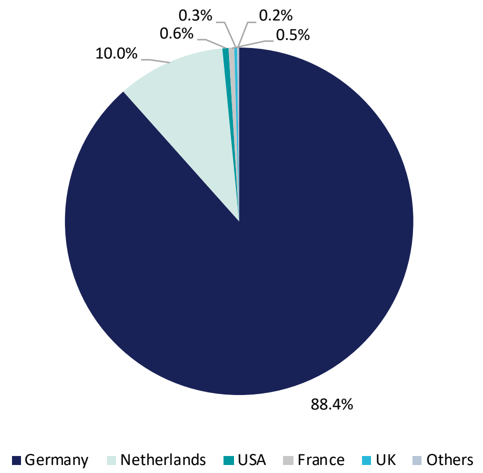
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

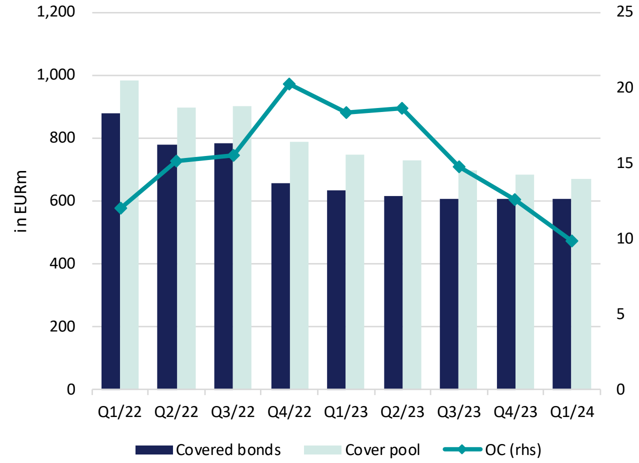
Hamburg Commercial Bank

Public sector

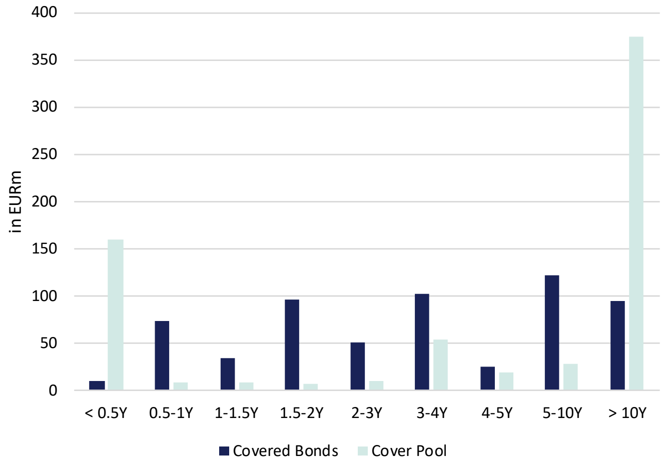
Cover pool data

Cover pool (EURm)	670.1	Number of loans	40
of which substitution assets	0.0%	Number of borrowers	29
of which derivatives	0.0%	Share of 10 largest borrowers	93.1%
Covered bonds (EURm)	609.9	Avg. exposure to borrowers (EUR)	23,106,400
OC (EURm)	60.2	EUR share (Cover pool)	78.7%
OC	9.9%	EUR share (Covered bonds)	100.0%
Fixed interest (Cover pool)	80.8%	Largest FX position (NPV in EURm)	CHF (102.1)
Fixed interest (Covered bonds)	90.2%	Share of largest exposure tranche	60.8% (> EUR 100m)
WAL (Cover pool)	9.3y	Loans in arrears (>90 days)	0.58%
WAL (Covered Bonds)	4.7y		

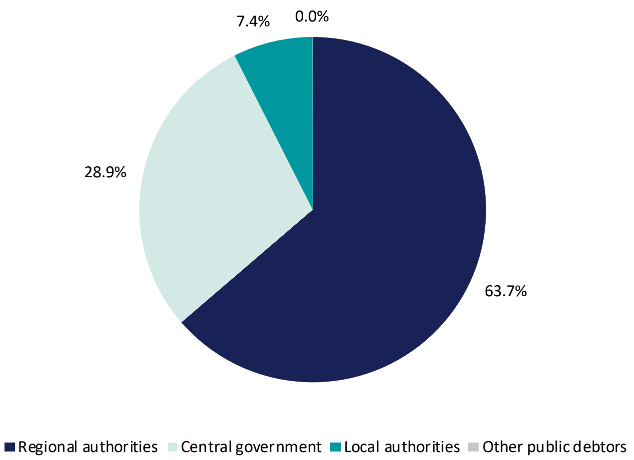
Development of cover pool data



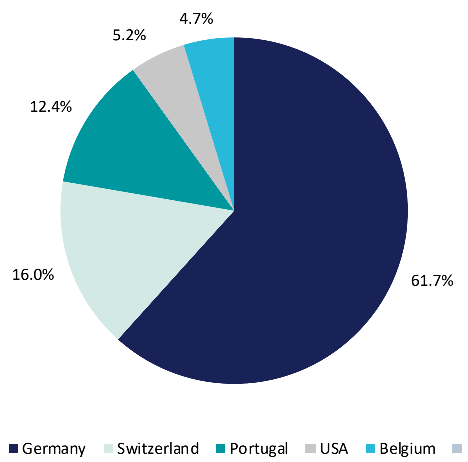
Maturity structure



Composition of primary assets



Regional distribution of claims



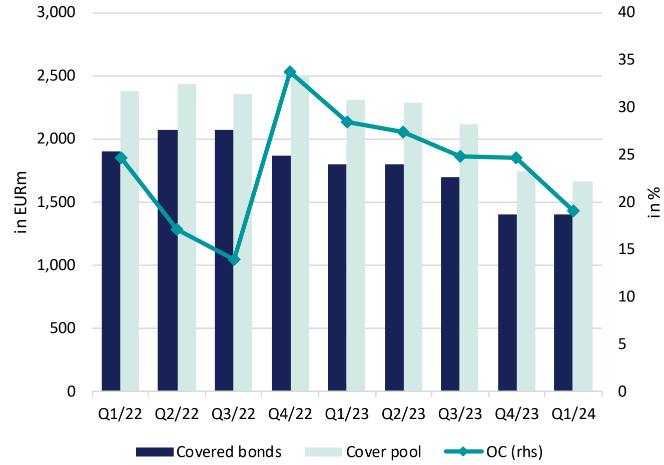
Source: vdp, NORD/LB Floor Research

Hamburg Commercial Bank — Ship

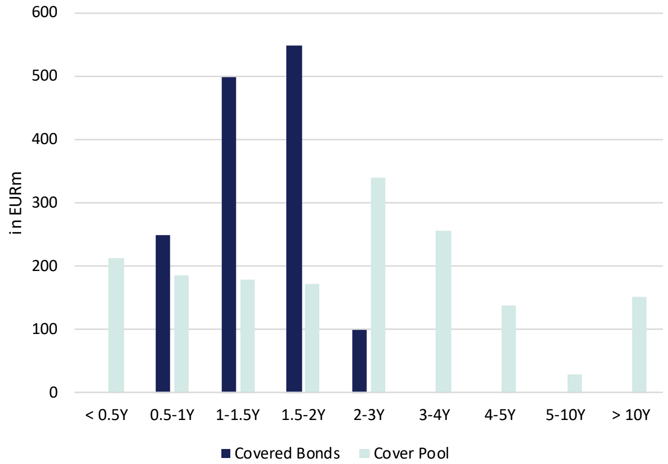
Cover pool data

Cover pool (EURm)	1,668.7	Number of loans	202
of which substitution assets	12.0%	Number of borrowers	99
of which derivatives	0.0%	Avg. exposure to borrowers (EUR)	14,834,570
Covered bonds (EURm)	1,400.0	Largest FX position (NPV in EURm)	USD (1,376.9)
OC (EURm)	268.7	Share of largest exposure tranche	85.5% (> EUR 5m)
OC	19.2%	Loans in arrears (>90 days)	0.00%
Fixed interest (Cover pool)	89.3%		
Fixed interest (Covered bonds)	12.8%		
WAL (Cover pool)	4.3y		
WAL (Covered Bonds)	1.4y		

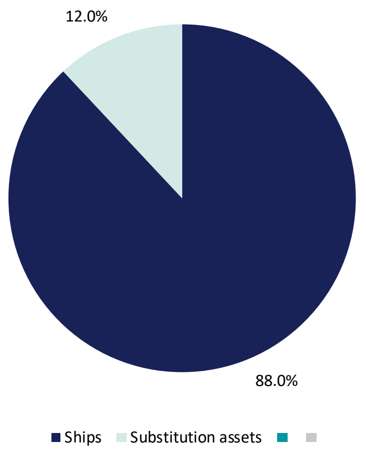
Development of cover pool data



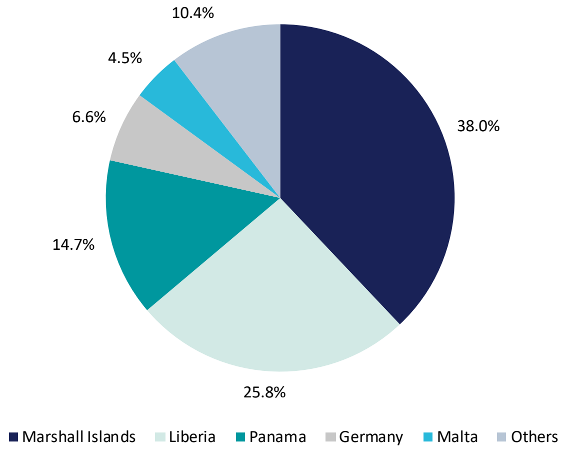
Maturity structure



Composition of cover pool



Regional distribution of primary assets



Source: vdp, NORD/LB Floor Research

NORD/LB

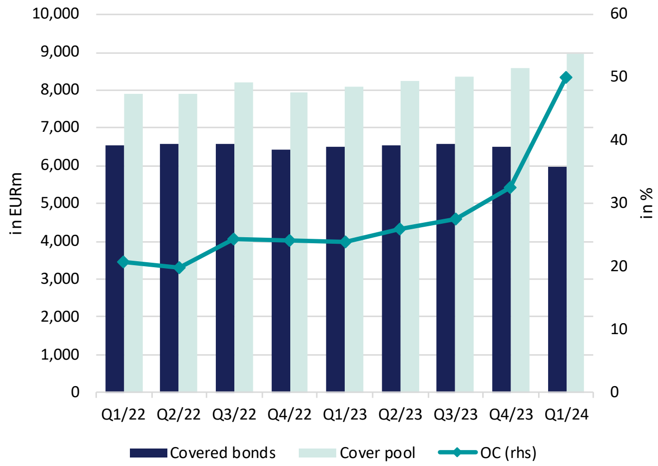
Hamburger Sparkasse

Mortgage

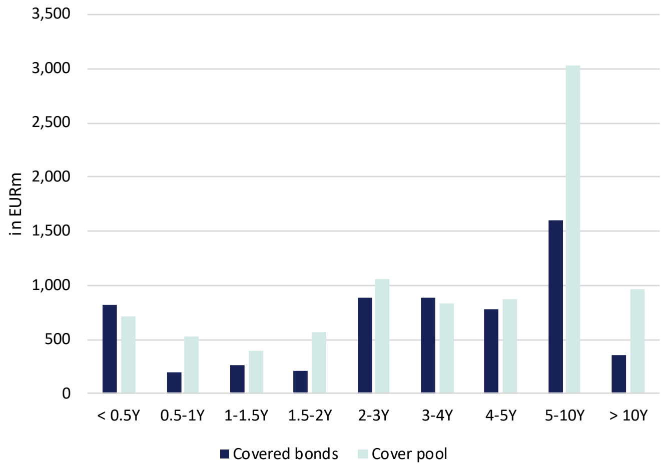
Cover pool data

Cover pool (EURm)	8,967.0	Number of loans	n/a
of which residential	64.1%	Number of borrowers	n/a
of which commercial	27.9%	Number of properties	n/a
of which substitution assets	8.0%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	5,977.1	Share of owner-occupied dwellings	n/a
OC (EURm)	2,989.9	Share of multi-familiy houses	n/a
OC	50.0%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	85.3%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	98.5%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	31.8% (EUR 1-10m)
WAL (Covered Bonds)	n/a	Avg. seasoning	7.4y
Avg. LTV (Original value)	52.5%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

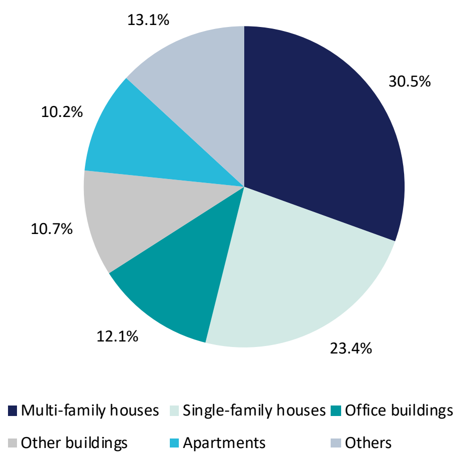
Development of cover pool data



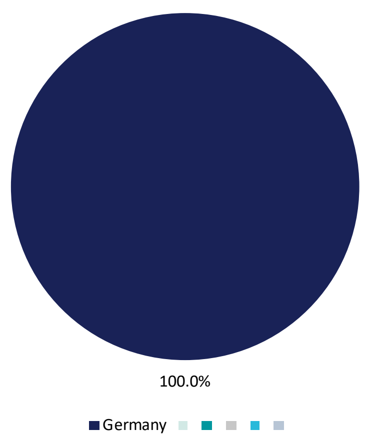
Maturity structure



Composition of cover pool



Regional distribution of properties



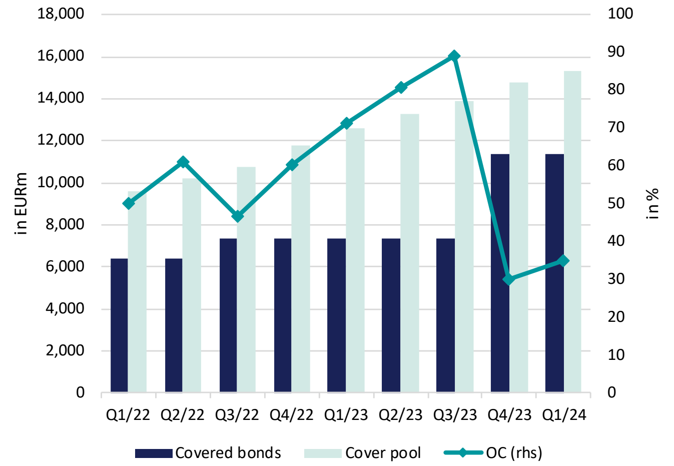
Source: vdp, NORD/LB Floor Research

ING-DiBa | Mortgage

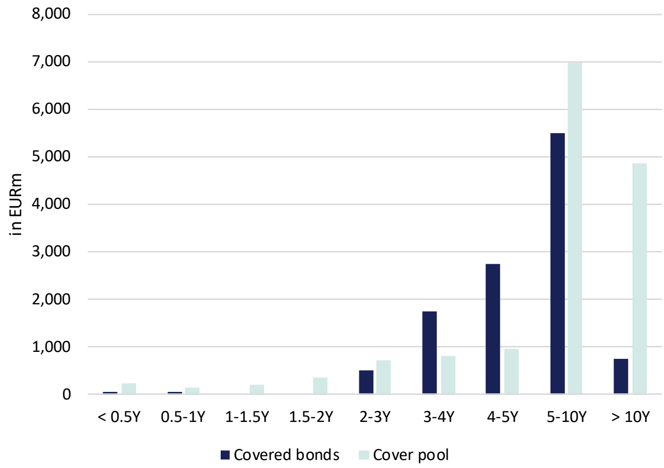
Cover pool data

Cover pool (EURm)	15,317.3	Number of loans	105,548
of which residential	94.3%	Number of borrowers	103,697
of which commercial	0.0%	Number of properties	105,548
of which substitution assets	5.7%	Avg. exposure to borrowers (EUR)	139,287
of which derivatives	0.0%	Share of 10 largest borrowers	0.1%
Covered bonds (EURm)	11,355.0	Share of owner-occupied dwellings	77.9%
OC (EURm)	3,962.3	Share of multi-familiy houses	0.0%
OC	34.9%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	64.3%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	8.7y	Share of largest exposure tranche	82.5% (< EUR 0.3m)
WAL (Covered Bonds)	7.2y	Avg. seasoning	5.0y
Avg. LTV (Original value)	54.6%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

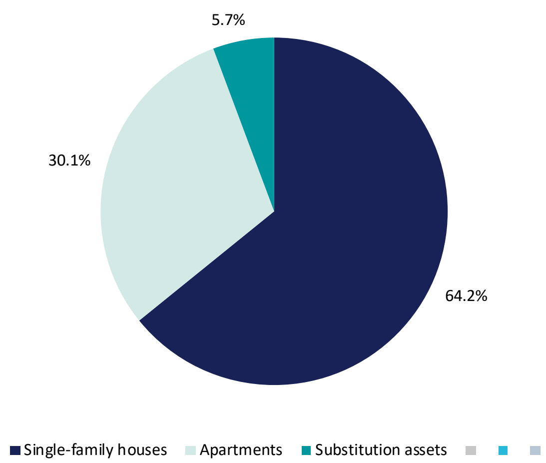
Development of cover pool data



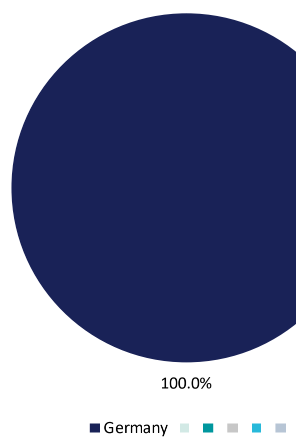
Maturity structure



Composition of cover pool



Regional distribution of properties



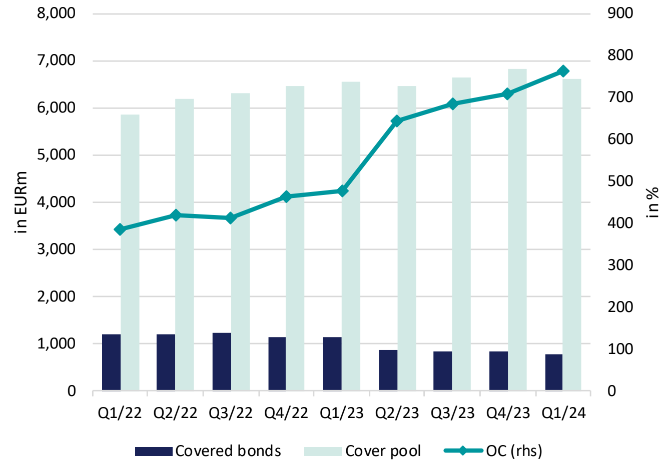
Source: vdp, NORD/LB Floor Research

Kreissparkasse Köln — Mortgage

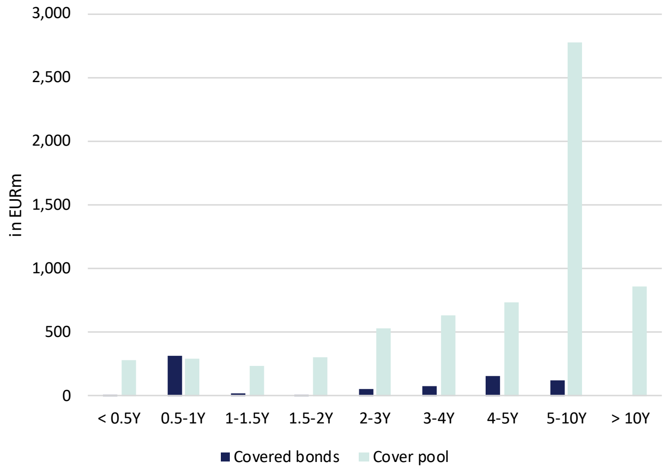
Cover pool data

Cover pool (EURm)	6,640.9	Number of loans	46,575
of which residential	87.3%	Number of borrowers	37,395
of which commercial	11.2%	Number of properties	44,208
of which substitution assets	1.5%	Avg. exposure to borrowers (EUR)	174,912
of which derivatives	0.0%	Share of 10 largest borrowers	2.0%
Covered bonds (EURm)	767.5	Share of owner-occupied dwellings	n/a
OC (EURm)	5,873.4	Share of multi-familiy houses	24.9%
OC	765.3%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	5.7y	Share of largest exposure tranche	64.4% (< EUR 0.3m)
WAL (Covered Bonds)	3.0y	Avg. seasoning	5.3y
Avg. LTV (Original value)	53.5%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

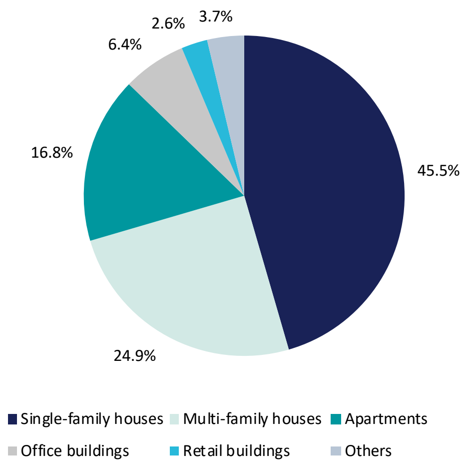
Development of cover pool data



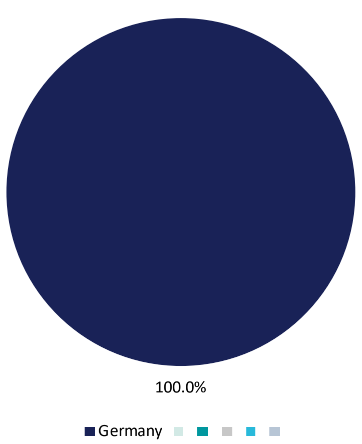
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

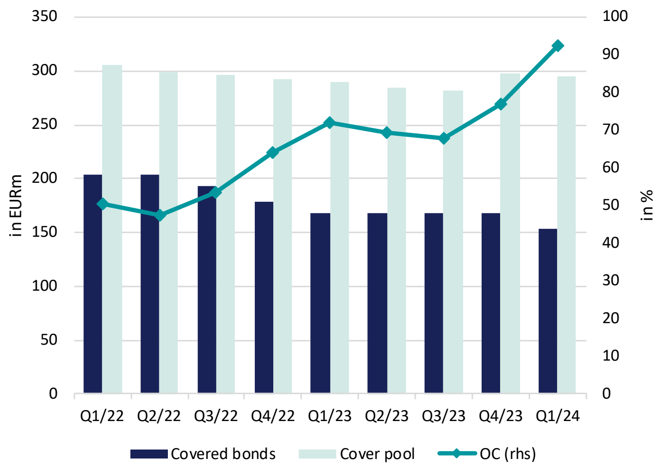
Kreissparkasse Köln

Public sector

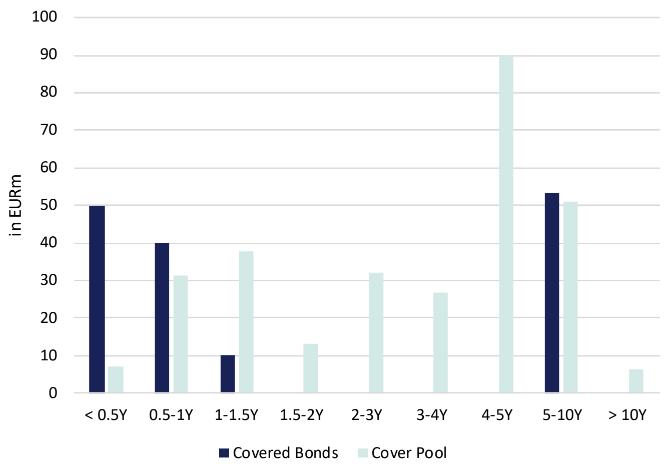
Cover pool data

Cover pool (EURm)	295.2	Number of loans	129
of which substitution assets	0.0%	Number of borrowers	44
of which derivatives	0.0%	Share of 10 largest borrowers	78.7%
Covered bonds (EURm)	153.4	Avg. exposure to borrowers (EUR)	6,709,074
OC (EURm)	141.8	EUR share (Cover pool)	n/a
OC	92.4%	EUR share (Covered bonds)	n/a
Fixed interest (Cover pool)	100.0%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	69.1% (EUR 10-100m)
WAL (Cover pool)	4.0y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	3.2y		

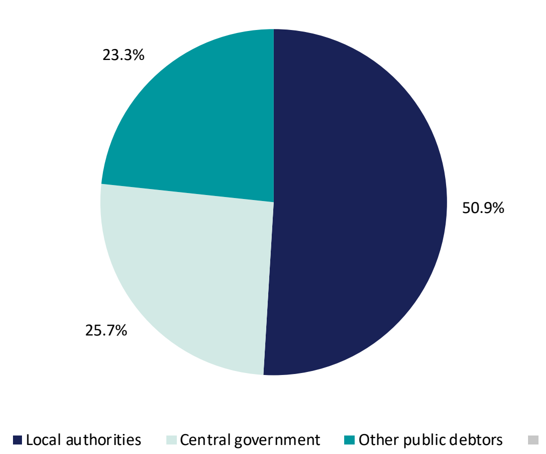
Development of cover pool data



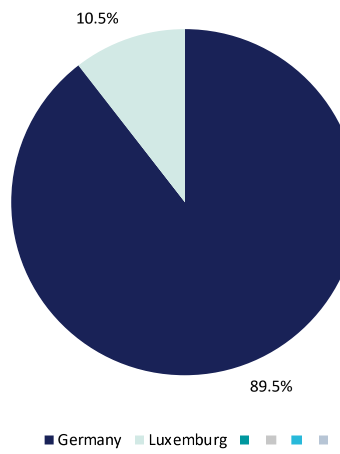
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

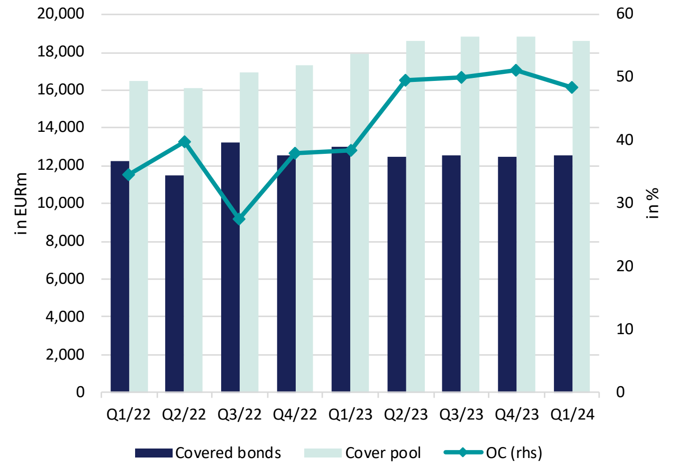
NORD/LB

Landesbank Baden-Württemberg Mortgage

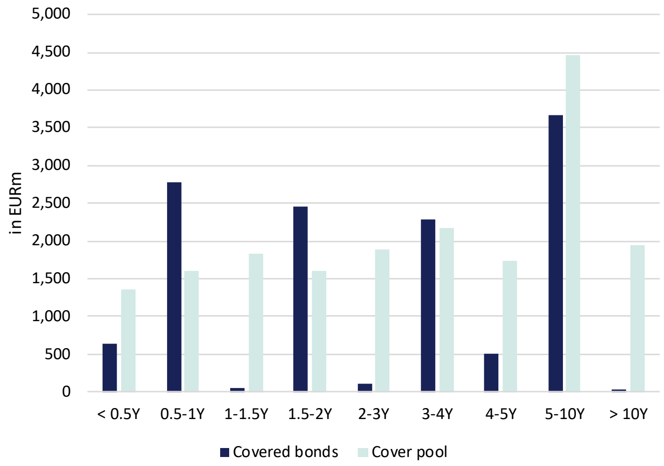
Cover pool data

Cover pool (EURm)	18,583.9	Number of loans	33,107
of which residential	43.2%	Number of borrowers	25,860
of which commercial	51.7%	Number of properties	31,678
of which substitution assets	5.1%	Avg. exposure to borrowers (EUR)	681,674
of which derivatives	0.0%	Share of 10 largest borrowers	12.7%
Covered bonds (EURm)	12,525.6	Share of owner-occupied dwellings	16.5%
OC (EURm)	6,058.3	Share of multi-familiy houses	24.9%
OC	48.4%	EUR share (Cover pool)	86.4%
Fixed interest (Cover pool)	80.8%	EUR share (Covered bonds)	88.7%
Fixed interest (Covered bonds)	78.1%	Largest FX position (NPV in EURm)	GBP (863.4)
WAL (Cover pool)	4.7y	Share of largest exposure tranche	58.7% (> EUR 10m)
WAL (Covered Bonds)	3.6y	Avg. seasoning	5.8y
Avg. LTV (Original value)	55.2%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

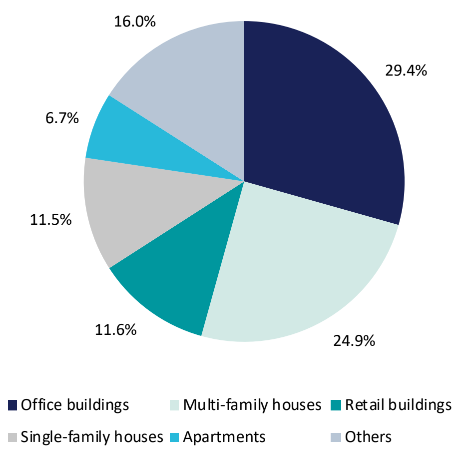
Development of cover pool data



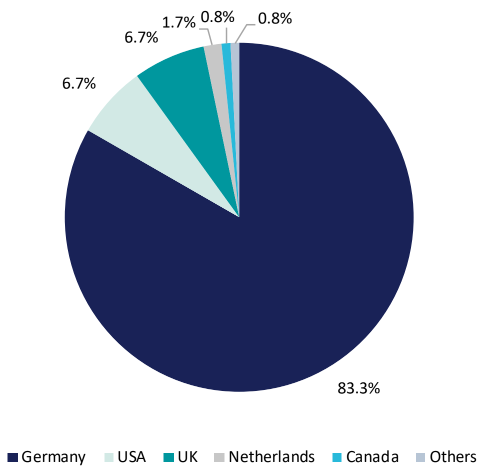
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

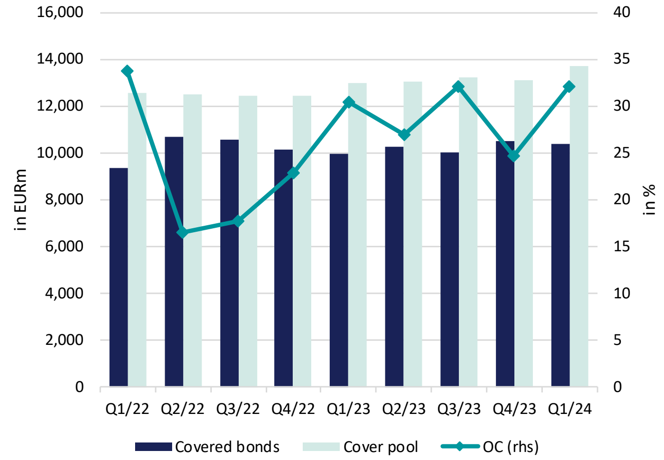
Landesbank Baden-Württemberg

Public sector

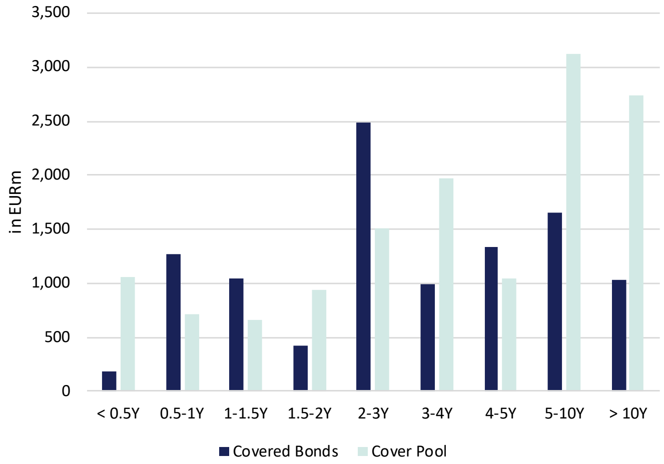
Cover pool data

Cover pool (EURm)	13,762.1	Number of loans	7,127
of which substitution assets	0.0%	Number of borrowers	2,807
of which derivatives	0.0%	Share of 10 largest borrowers	20.3%
Covered bonds (EURm)	10,419.6	Avg. exposure to borrowers (EUR)	4,902,774
OC (EURm)	3,342.5	EUR share (Cover pool)	96.1%
OC	32.1%	EUR share (Covered bonds)	96.3%
Fixed interest (Cover pool)	74.2%	Largest FX position (NPV in EURm)	USD (117.2)
Fixed interest (Covered bonds)	85.3%	Share of largest exposure tranche	52.4% (> EUR 100m)
WAL (Cover pool)	6.2y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	4.2y		

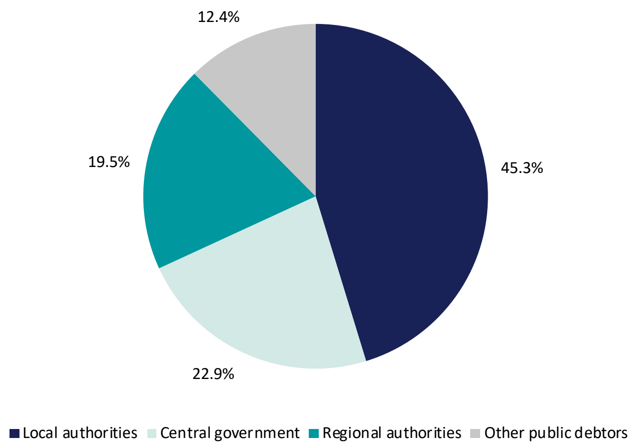
Development of cover pool data



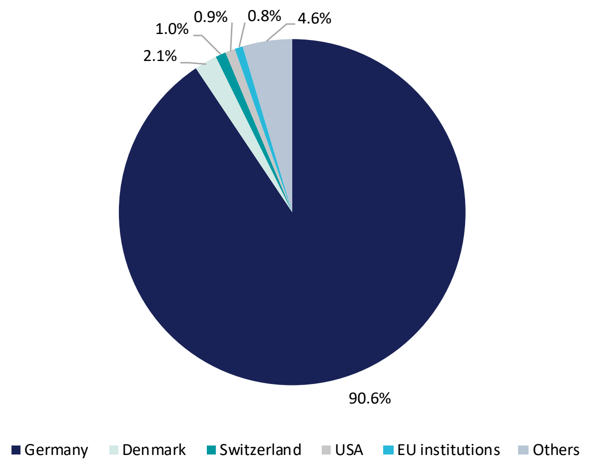
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

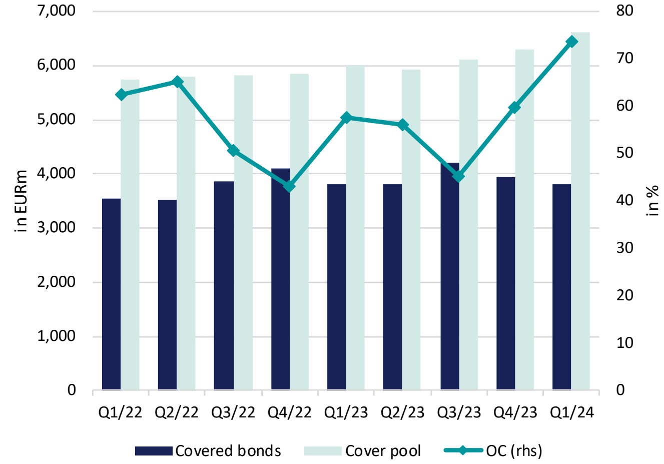
Landesbank Berlin

Mortgage

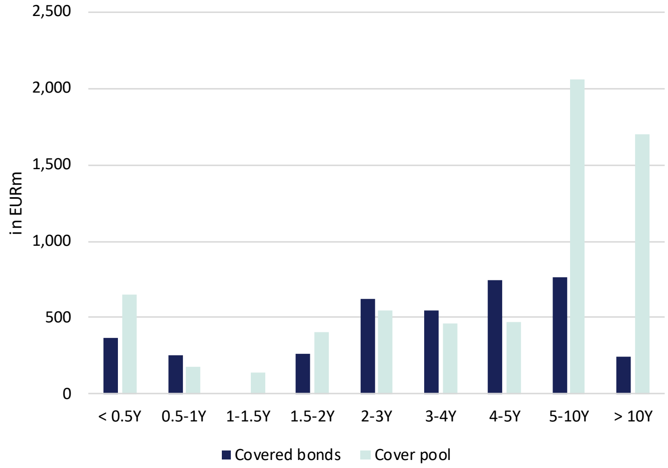
Cover pool data

Cover pool (EURm)	6,618.0	Number of loans	8,182
of which residential	63.7%	Number of borrowers	7,297
of which commercial	30.5%	Number of properties	8,392
of which substitution assets	5.8%	Avg. exposure to borrowers (EUR)	854,325
of which derivatives	0.0%	Share of 10 largest borrowers	22.5%
Covered bonds (EURm)	3,809.0	Share of owner-occupied dwellings	4.4%
OC (EURm)	2,809.0	Share of multi-familiy houses	50.9%
OC	73.7%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	91.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	9.8y	Share of largest exposure tranche	56.3% (> EUR 10m)
WAL (Covered Bonds)	4.2y	Avg. seasoning	5.0y
Avg. LTV (Original value)	56.0%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

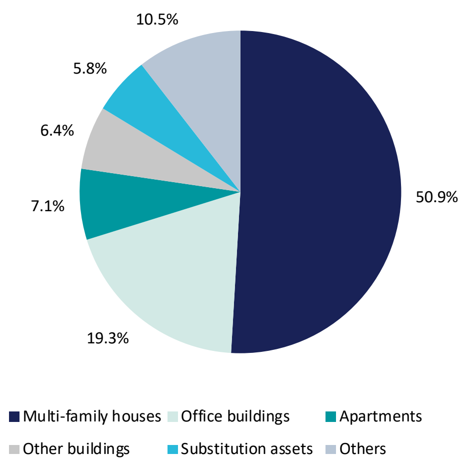
Development of cover pool data



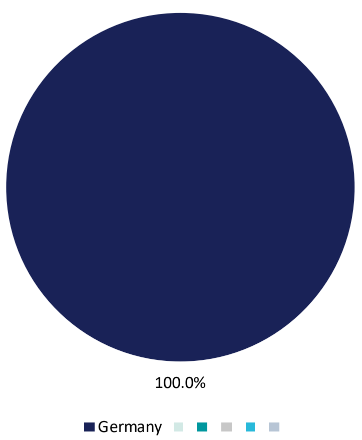
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

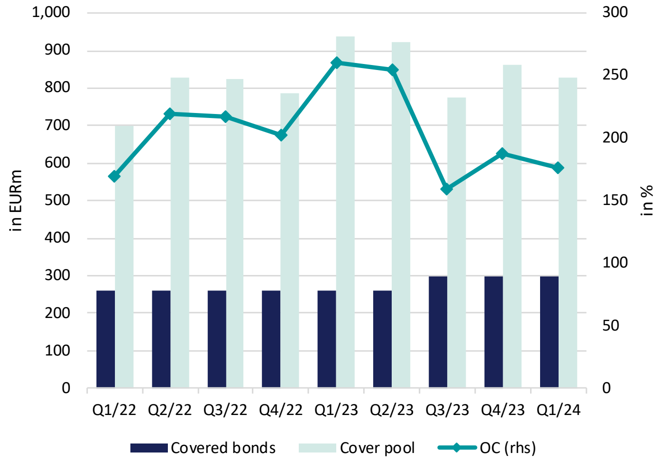
Landesbank Berlin

Public sector

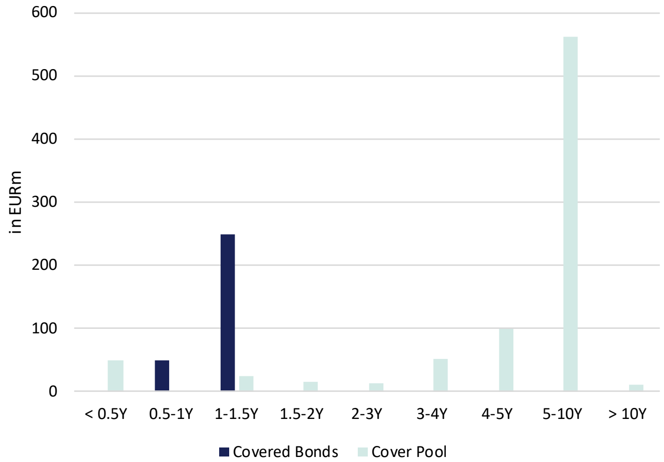
Cover pool data

Cover pool (EURm)	828.6	Number of loans	27
of which substitution assets	0.0%	Number of borrowers	14
of which derivatives	0.0%	Share of 10 largest borrowers	99.0%
Covered bonds (EURm)	300.0	Avg. exposure to borrowers (EUR)	59,184,643
OC (EURm)	528.6	EUR share (Cover pool)	100.0%
OC	176.2%	EUR share (Covered bonds)	100.0%
Fixed interest (Cover pool)	100.0%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	91.4% (> EUR 100m)
WAL (Cover pool)	6.2y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	1.2y		

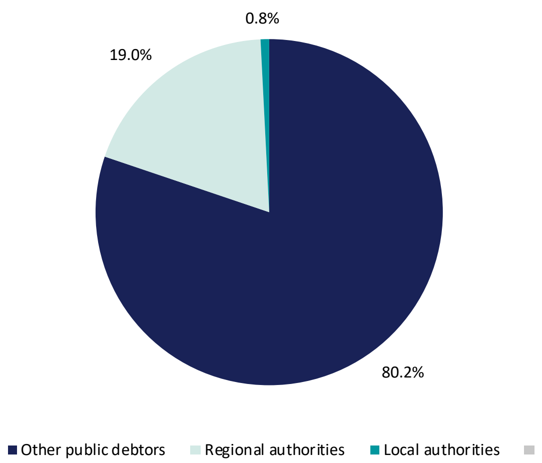
Development of cover pool data



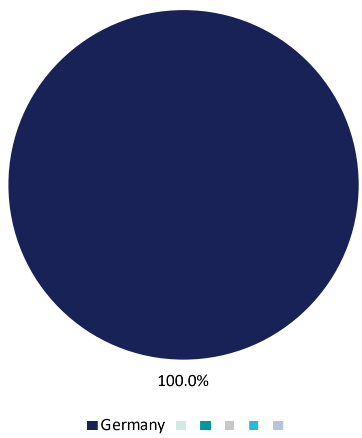
Maturity structure



Composition of primary assets



Regional distribution of claims



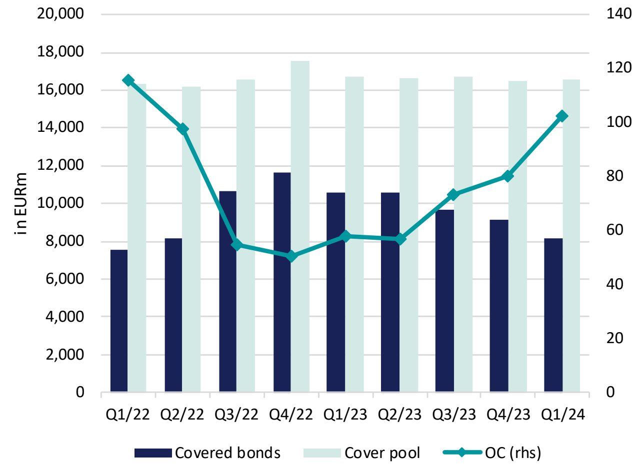
Source: vdp, NORD/LB Floor Research

Landesbank Hessen-Thüringen — Mortgage

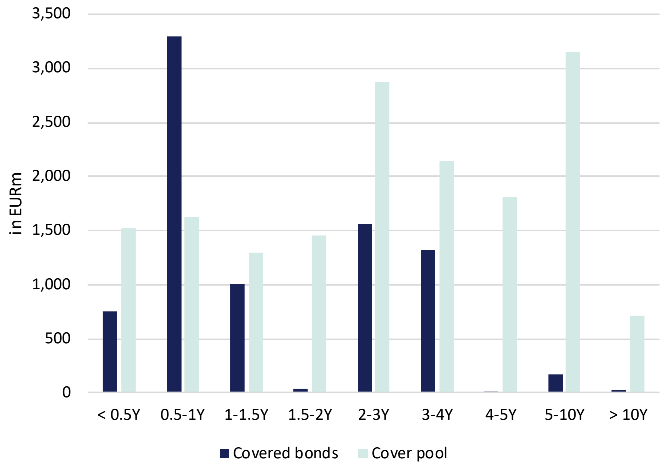
Cover pool data

Cover pool (EURm)	16,587.8	Number of loans	11,758
of which residential	29.7%	Number of borrowers	10,431
of which commercial	65.0%	Number of properties	11,954
of which substitution assets	5.3%	Avg. exposure to borrowers (EUR)	1,505,980
of which derivatives	0.0%	Share of 10 largest borrowers	8.6%
Covered bonds (EURm)	8,186.0	Share of owner-occupied dwellings	7.7%
OC (EURm)	8,401.8	Share of multi-familiy houses	20.9%
OC	102.6%	EUR share (Cover pool)	75.0%
Fixed interest (Cover pool)	73.4%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	75.2%	Largest FX position (NPV in EURm)	USD (3,289.8)
WAL (Cover pool)	3.5y	Share of largest exposure tranche	84.0% (> EUR 10m)
WAL (Covered Bonds)	1.7y	Avg. seasoning	5.0y
Avg. LTV (Original value)	60.0%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

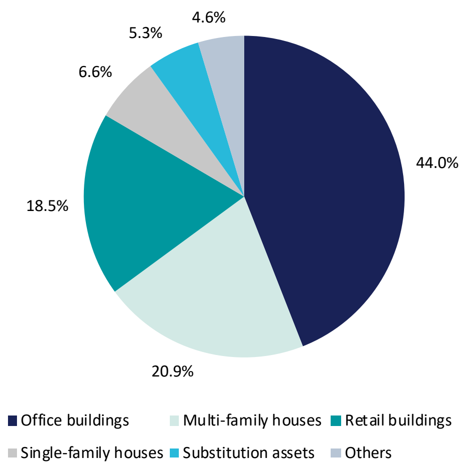
Development of cover pool data



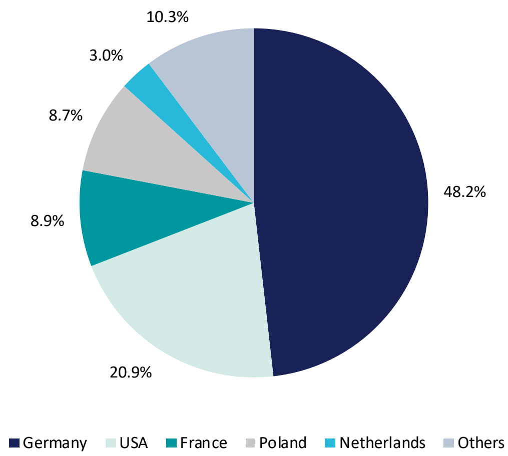
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

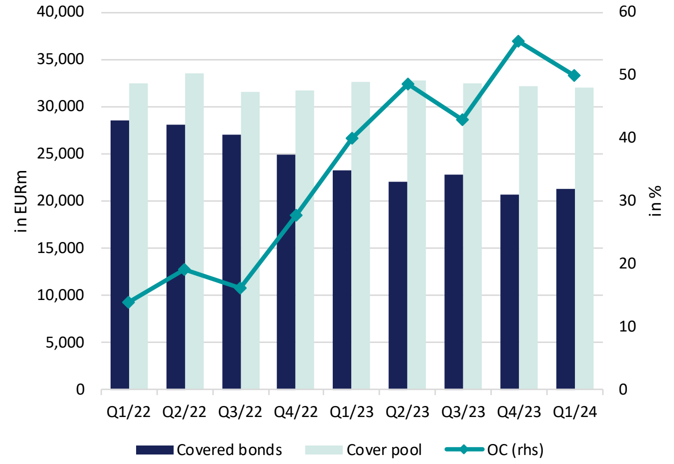
Landesbank Hessen-Thüringen

Public sector

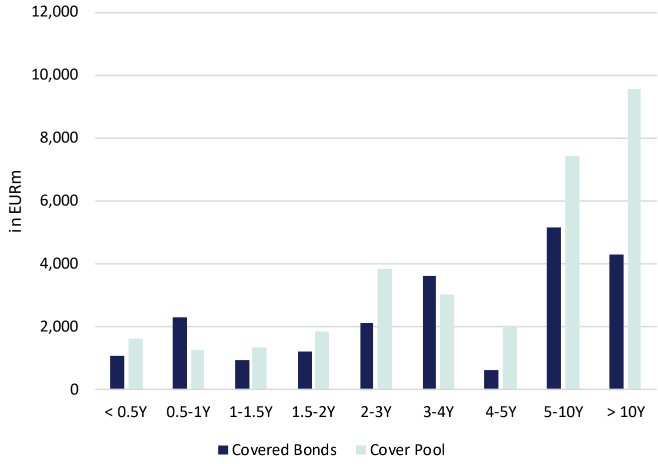
Cover pool data

Cover pool (EURm)	32,053.8	Number of loans	18,508
of which substitution assets	0.0%	Number of borrowers	4,609
of which derivatives	0.0%	Share of 10 largest borrowers	30.9%
Covered bonds (EURm)	21,379.0	Avg. exposure to borrowers (EUR)	6,954,608
OC (EURm)	10,674.8	EUR share (Cover pool)	98.3%
OC	49.9%	EUR share (Covered bonds)	100.0%
Fixed interest (Cover pool)	93.5%	Largest FX position (NPV in EURm)	USD (474.1)
Fixed interest (Covered bonds)	83.3%	Share of largest exposure tranche	63.0% (> EUR 100m)
WAL (Cover pool)	7.8y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	6.2y		

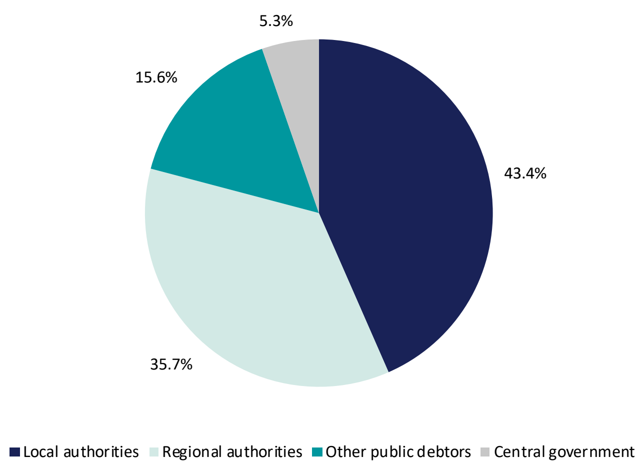
Development of cover pool data



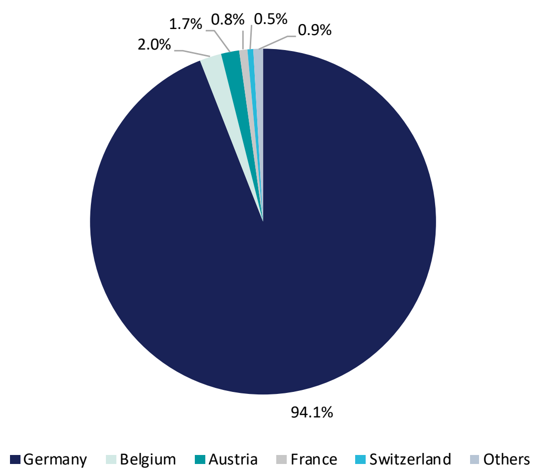
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

NORD/LB

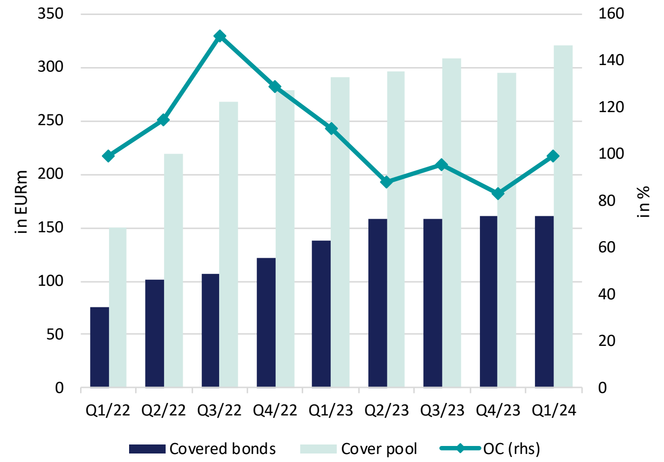
LIGA Bank

Mortgage

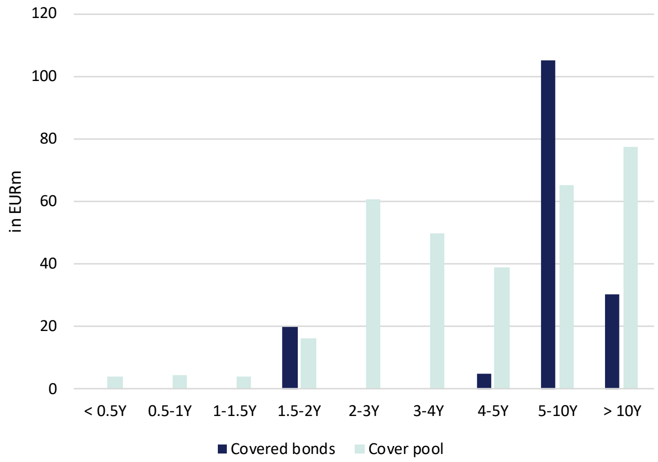
Cover pool data

Cover pool (EURm)	320.8	Number of loans	n/a
of which residential	96.9%	Number of borrowers	n/a
of which commercial	0.0%	Number of properties	n/a
of which substitution assets	0.0%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	160.8	Share of owner-occupied dwellings	n/a
OC (EURm)	160.0	Share of multi-familiy houses	n/a
OC	99.5%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	54.4% (EUR 1-10m)
WAL (Covered Bonds)	n/a	Avg. seasoning	6.8y
Avg. LTV (Original value)	53.4%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

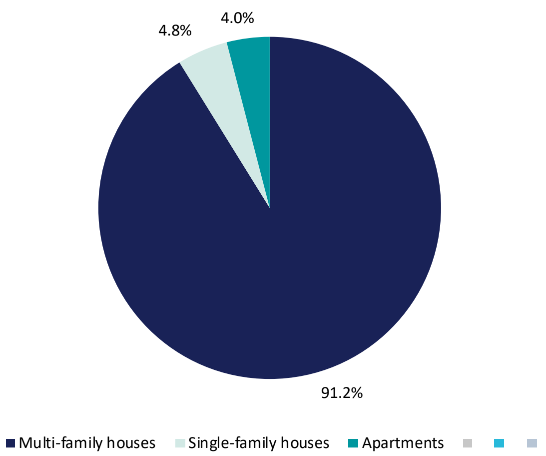
Development of cover pool data



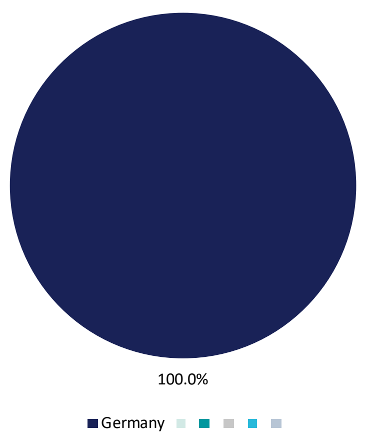
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

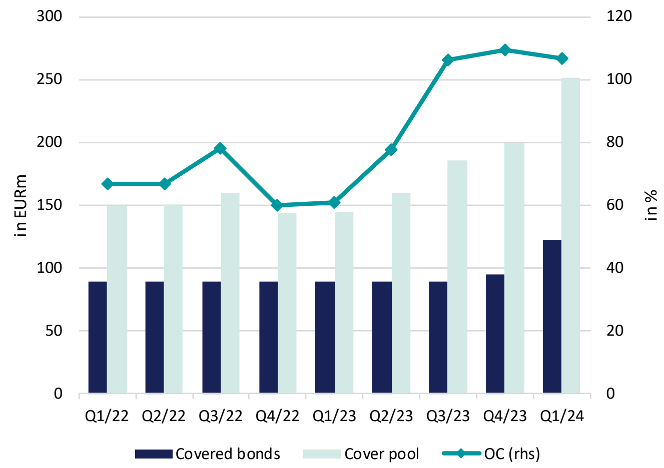
LIGA Bank

Public sector

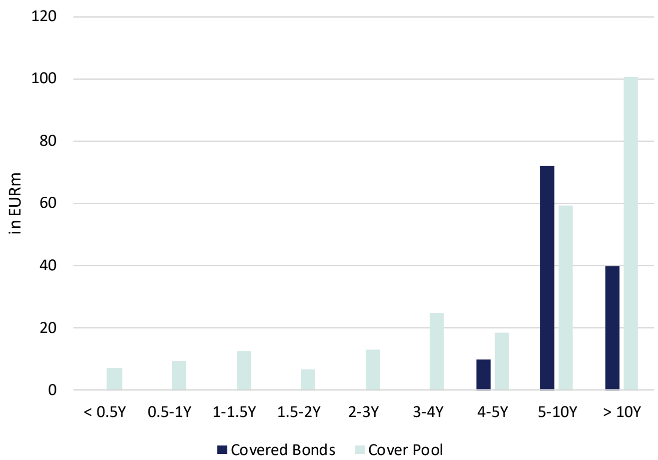
Cover pool data

Cover pool (EURm)	252.2	Number of loans	n/a
of which substitution assets	0.0%	Number of borrowers	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	122.0	Avg. exposure to borrowers (EUR)	n/a
OC (EURm)	130.2	EUR share (Cover pool)	n/a
OC	106.7%	EUR share (Covered bonds)	n/a
Fixed interest (Cover pool)	100.0%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	51.7% (EUR 10-100m)
WAL (Cover pool)	n/a	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	n/a		

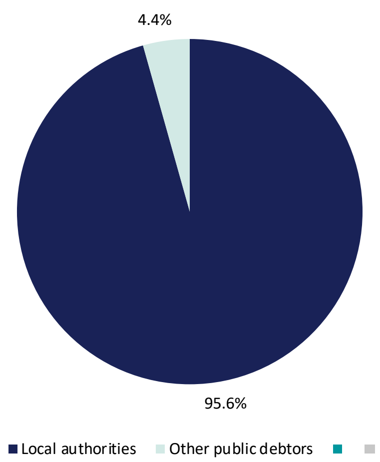
Development of cover pool data



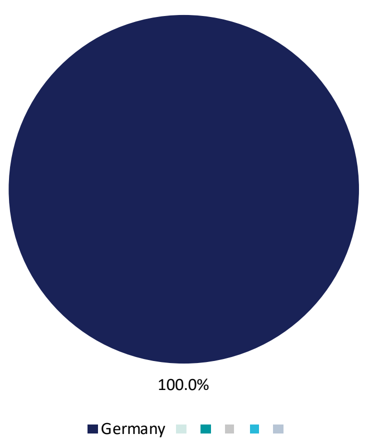
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

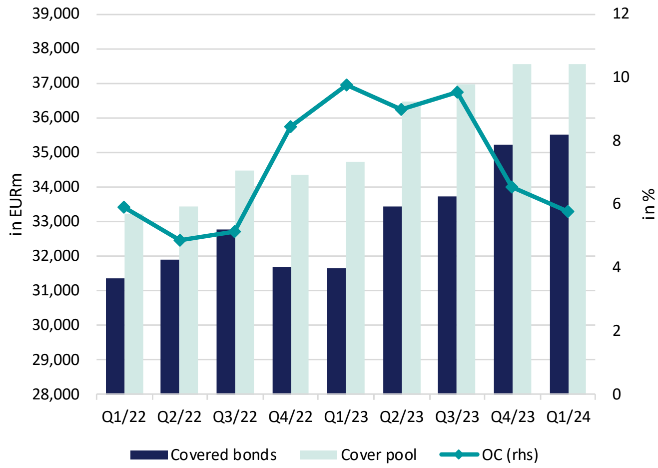
Münchener Hypothekenbank

Mortgage

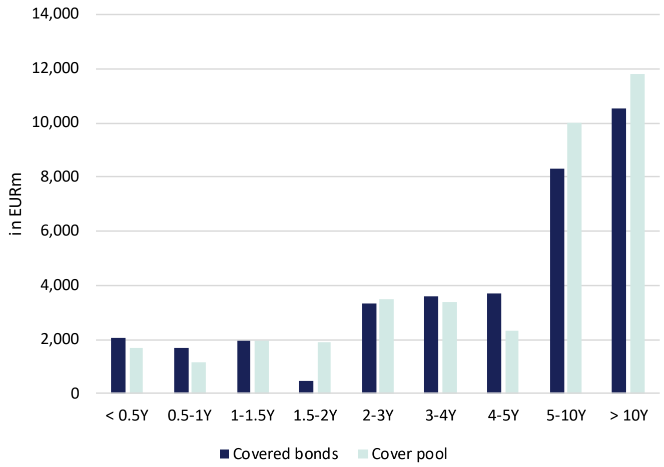
Cover pool data

Cover pool (EURm)	37,580.8	Number of loans	204,512
of which residential	78.1%	Number of borrowers	179,628
of which commercial	18.5%	Number of properties	191,497
of which substitution assets	3.4%	Avg. exposure to borrowers (EUR)	202,089
of which derivatives	0.0%	Share of 10 largest borrowers	1.8%
Covered bonds (EURm)	35,530.6	Share of owner-occupied dwellings	51.7%
OC (EURm)	2,050.2	Share of multi-familiy houses	15.1%
OC	5.8%	EUR share (Cover pool)	83.1%
Fixed interest (Cover pool)	95.7%	EUR share (Covered bonds)	88.3%
Fixed interest (Covered bonds)	96.2%	Largest FX position (NPV in EURm)	CHF (1,138.7)
WAL (Cover pool)	8.3y	Share of largest exposure tranche	56.1% (< EUR 0.3m)
WAL (Covered Bonds)	8.2y	Avg. seasoning	5.4y
Avg. LTV (Original value)	52.4%	Loans in arrears (>90 days)	0.11%
Avg. LTV (Market value)	n/a		

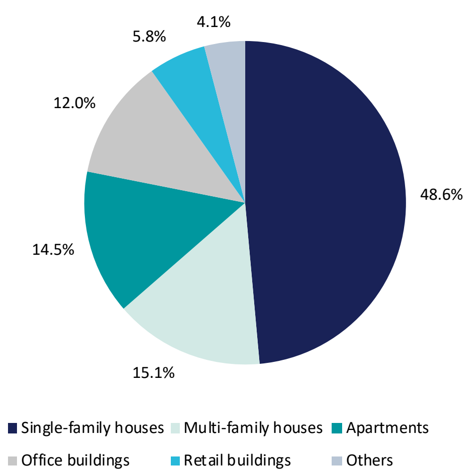
Development of cover pool data



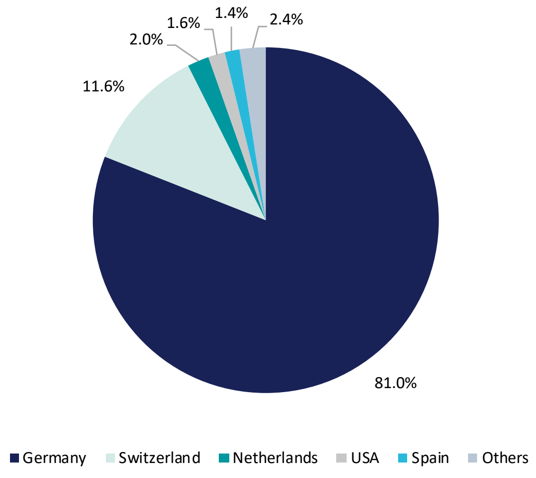
Maturity structure



Composition of cover pool



Regional distribution of properties



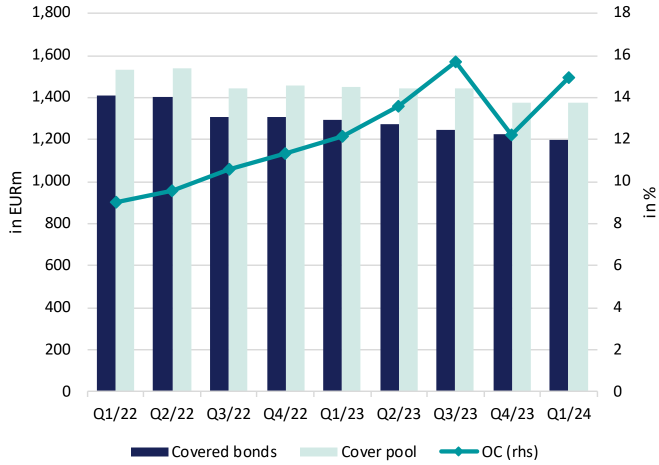
Source: vdp, NORD/LB Floor Research

Münchener Hypothekenbank — Public sector

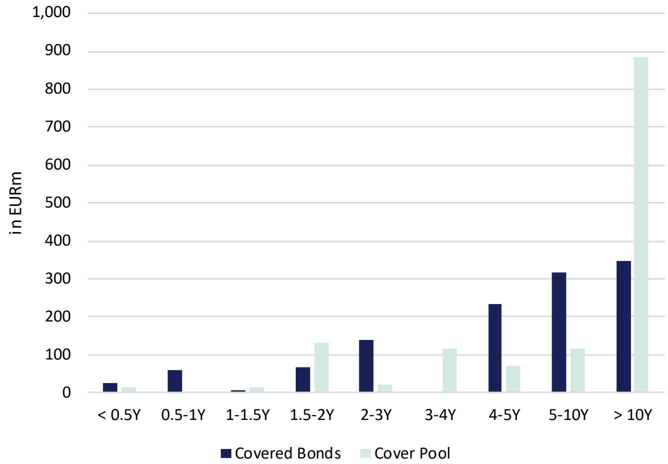
Cover pool data

Cover pool (EURm)	1,373.7	Number of loans	188
of which substitution assets	0.0%	Number of borrowers	132
of which derivatives	0.0%	Share of 10 largest borrowers	93.2%
Covered bonds (EURm)	1,194.8	Avg. exposure to borrowers (EUR)	10,406,818
OC (EURm)	178.9	EUR share (Cover pool)	100.0%
OC	15.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Cover pool)	94.5%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	91.6%	Share of largest exposure tranche	70.6% (> EUR 100m)
WAL (Cover pool)	11.2y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	7.3y		

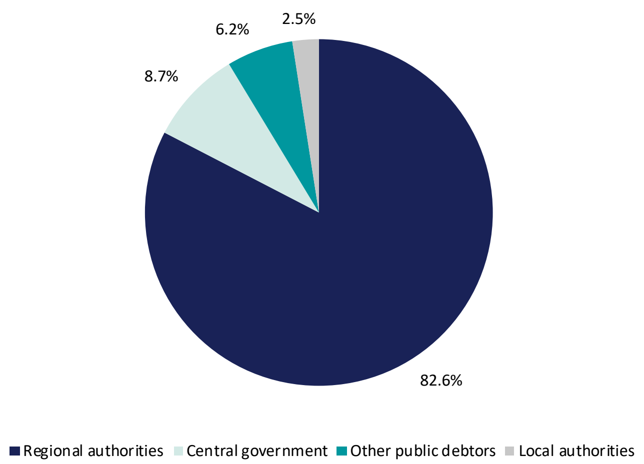
Development of cover pool data



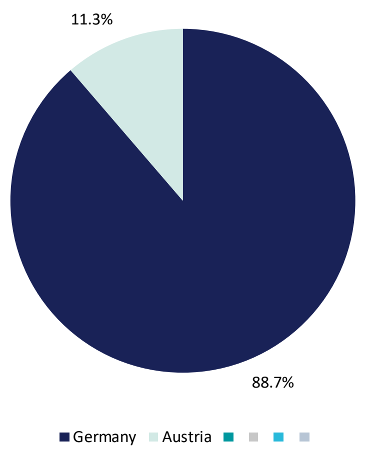
Maturity structure



Composition of primary assets



Regional distribution of claims



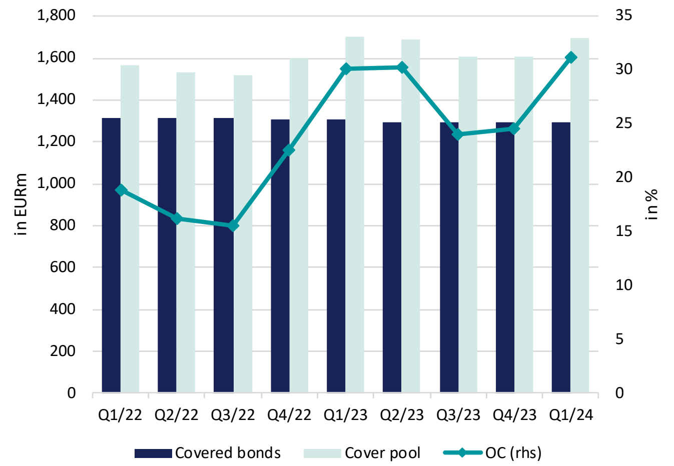
Source: vdp, NORD/LB Floor Research

NATIXIS Pfandbriefbank — Mortgage

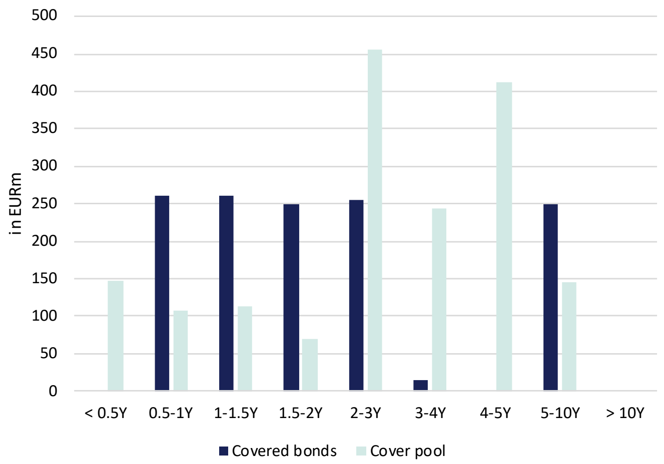
Cover pool data

Cover pool (EURm)	1,693.8	Number of loans	85
of which residential	9.9%	Number of borrowers	144
of which commercial	76.2%	Number of properties	368
of which substitution assets	13.9%	Avg. exposure to borrowers (EUR)	10,127,292
of which derivatives	0.0%	Share of 10 largest borrowers	4.6%
Covered bonds (EURm)	1,291.0	Share of owner-occupied dwellings	0.0%
OC (EURm)	402.8	Share of multi-familiy houses	9.9%
OC	31.2%	EUR share (Cover pool)	98.6%
Fixed interest (Cover pool)	49.5%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	GBP (21.1)
WAL (Cover pool)	3.0y	Share of largest exposure tranche	92.9% (> EUR 10m)
WAL (Covered Bonds)	2.6y	Avg. seasoning	3.9y
Avg. LTV (Original value)	57.9%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

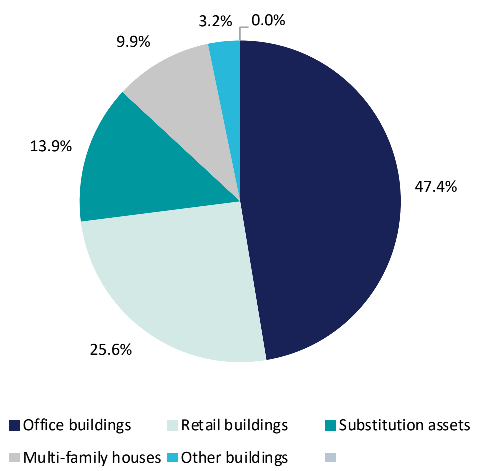
Development of cover pool data



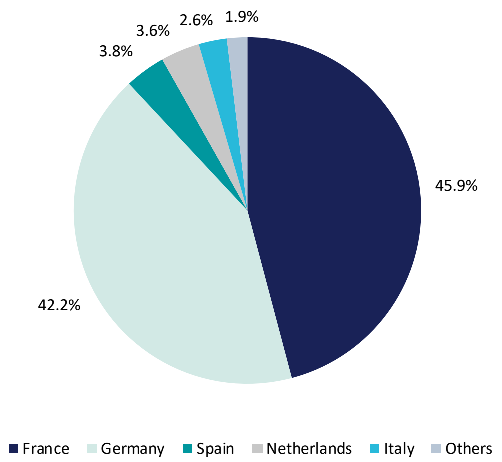
Maturity structure



Composition of cover pool



Regional distribution of properties



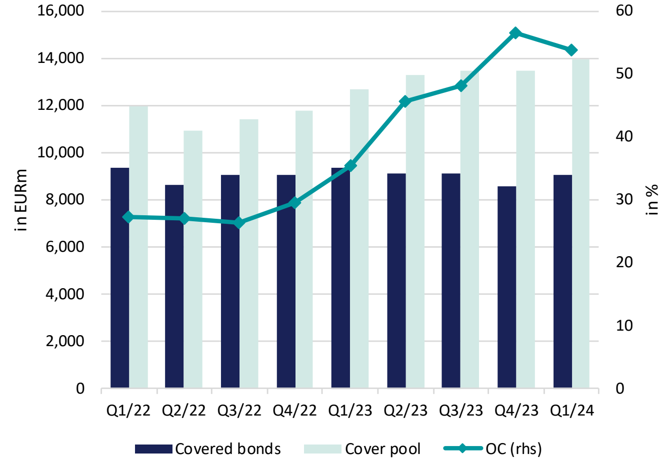
Source: vdp, NORD/LB Floor Research

Norddeutsche Landesbank — Mortgage

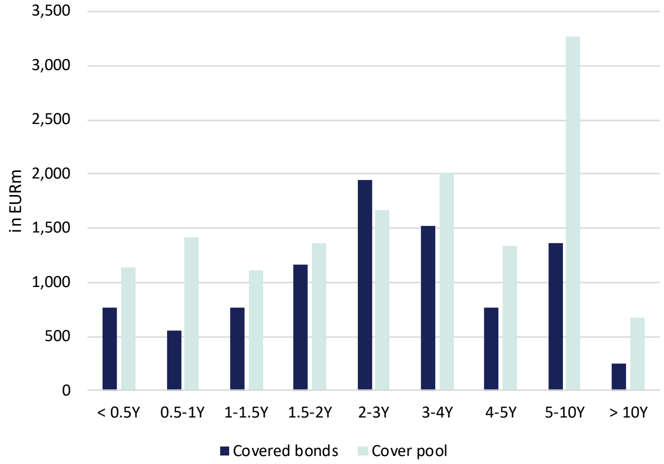
Cover pool data

Cover pool (EURm)	13,986.7	Number of loans	n/a
of which residential	33.0%	Number of borrowers	n/a
of which commercial	61.3%	Number of properties	n/a
of which substitution assets	6.1%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	9,093.1	Share of owner-occupied dwellings	0.0%
OC (EURm)	4,893.6	Share of multi-familiy houses	24.3%
OC	53.8%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	74.8%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	98.4%	Largest FX position (NPV in EURm)	GBP (660.4)
WAL (Cover pool)	n/a	Share of largest exposure tranche	64.0% (> EUR 10m)
WAL (Covered Bonds)	n/a	Avg. seasoning	5.5y
Avg. LTV (Original value)	60.0%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

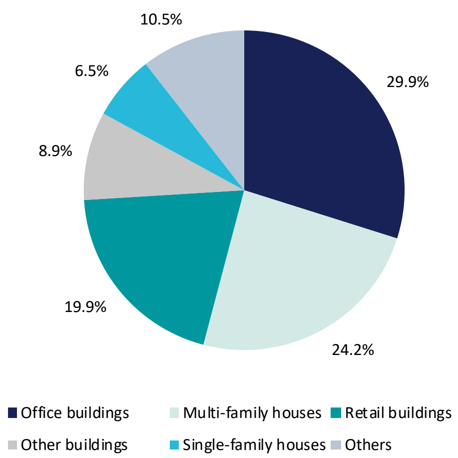
Development of cover pool data



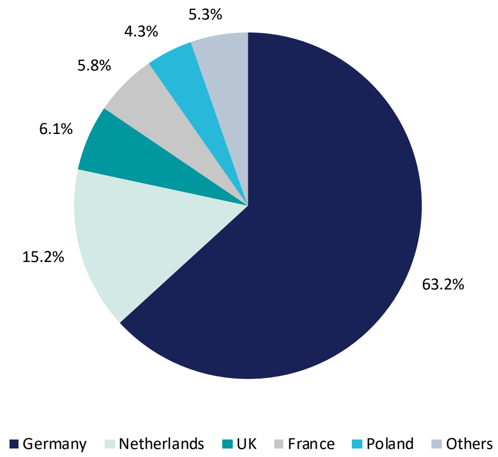
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

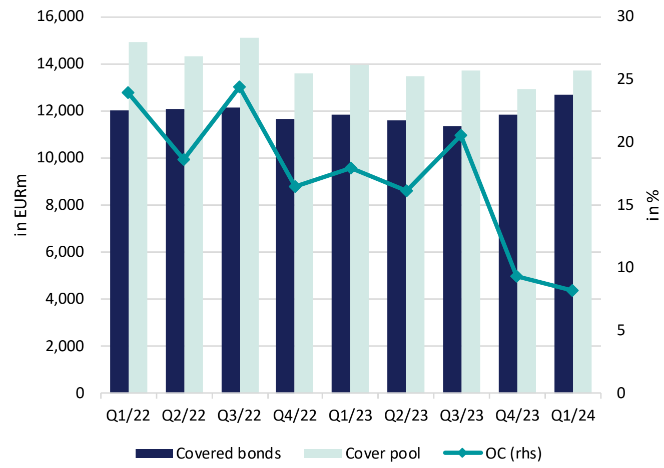
Norddeutsche Landesbank

Public sector

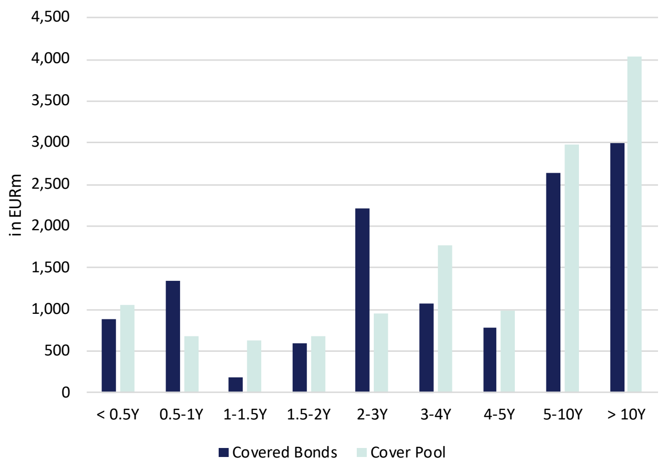
Cover pool data

Cover pool (EURm)	13,736.3	Number of loans	3,856
of which substitution assets	3.3%	Number of borrowers	1,356
of which derivatives	0.0%	Share of 10 largest borrowers	19.3%
Covered bonds (EURm)	12,690.3	Avg. exposure to borrowers (EUR)	9,790,745
OC (EURm)	1,046.0	EUR share (Cover pool)	96.5%
OC	8.2%	EUR share (Covered bonds)	99.6%
Fixed interest (Cover pool)	88.3%	Largest FX position (NPV in EURm)	USD (187.2)
Fixed interest (Covered bonds)	98.0%	Share of largest exposure tranche	44.1% (EUR 10-100m)
WAL (Cover pool)	7.4y	Loans in arrears (>90 days)	0.02%
WAL (Covered Bonds)	6.1y		

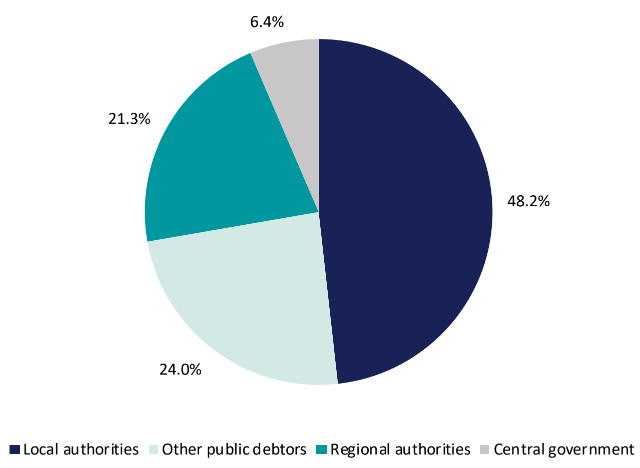
Development of cover pool data



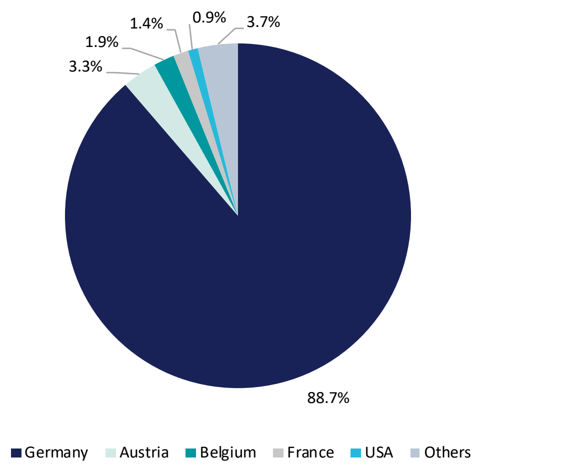
Maturity structure



Composition of primary assets



Regional distribution of claims



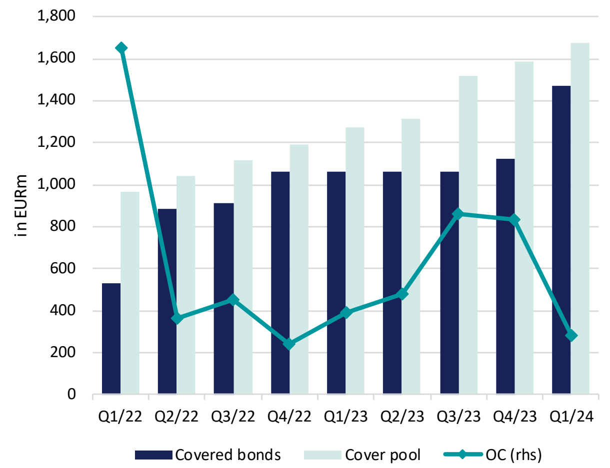
Source: vdp, NORD/LB Floor Research

Oldenburgische Landesbank Mortgage

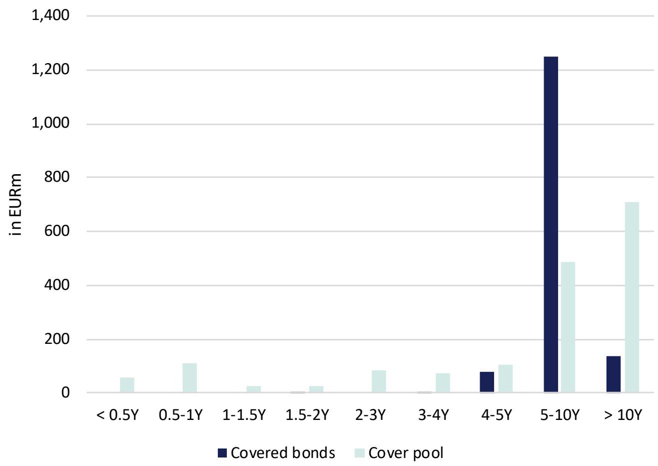
Cover pool data

Cover pool (EURm)	1,675.4	Number of loans	n/a
of which residential	87.8%	Number of borrowers	n/a
of which commercial	1.7%	Number of properties	n/a
of which substitution assets	10.4%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	1,471.0	Share of owner-occupied dwellings	n/a
OC (EURm)	204.4	Share of multi-familiy houses	n/a
OC	13.9%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	89.6%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	93.5% (< EUR 0.3m)
WAL (Covered Bonds)	n/a	Avg. seasoning	5.0y
Avg. LTV (Original value)	56.2%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

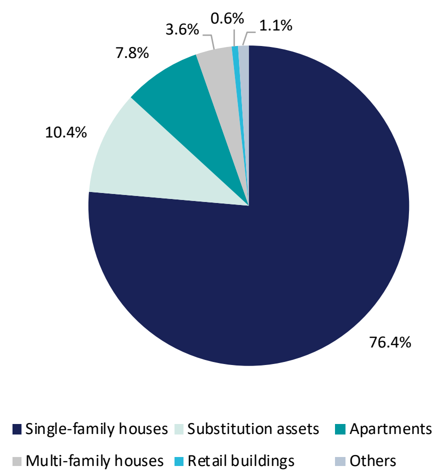
Development of cover pool data



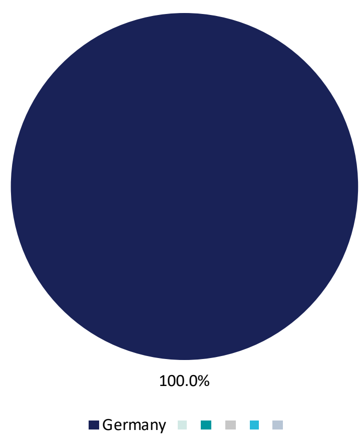
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

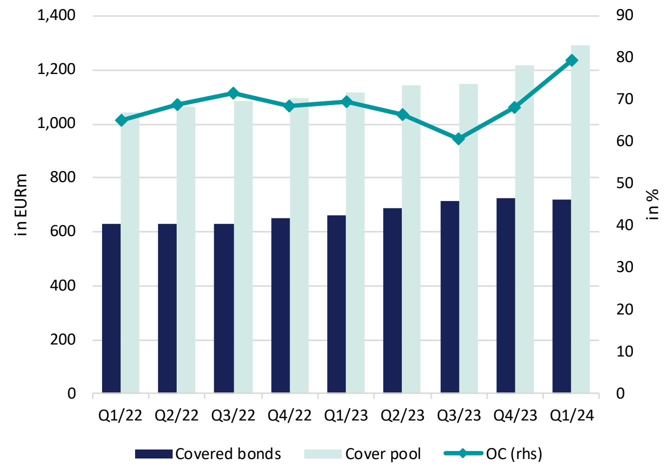
PSD Bank Nürnberg

Mortgage

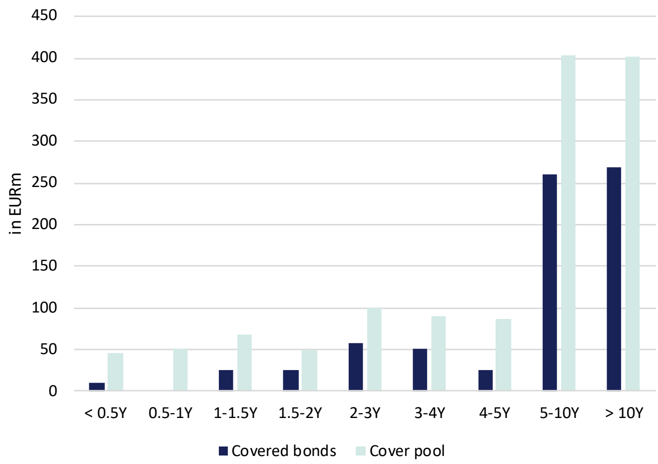
Cover pool data

Cover pool (EURm)	1,292.3	Number of loans	12,504
of which residential	98.0%	Number of borrowers	10,109
of which commercial	0.0%	Number of properties	11,600
of which substitution assets	2.0%	Avg. exposure to borrowers (EUR)	125,314
of which derivatives	0.0%	Share of 10 largest borrowers	0.4%
Covered bonds (EURm)	720.6	Share of owner-occupied dwellings	86.2%
OC (EURm)	571.7	Share of multi-familiy houses	0.0%
OC	79.3%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	7.8y	Share of largest exposure tranche	97.2% (< EUR 0.3m)
WAL (Covered Bonds)	9.7y	Avg. seasoning	5.5y
Avg. LTV (Original value)	50.3%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

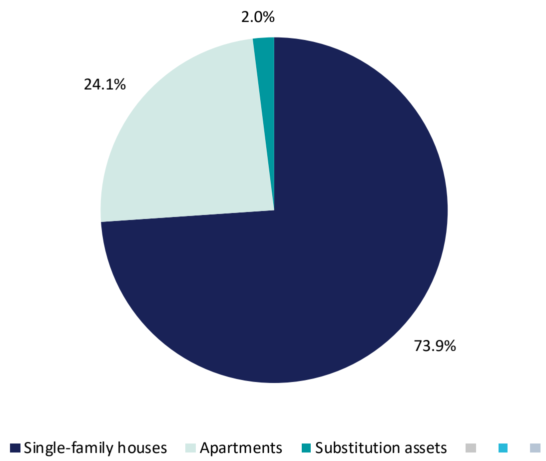
Development of cover pool data



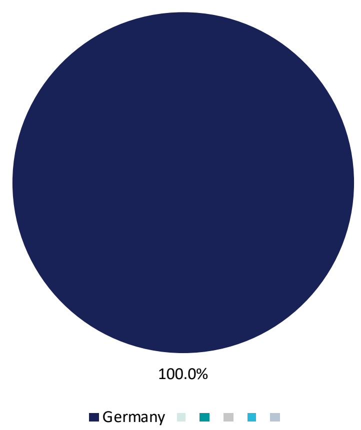
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

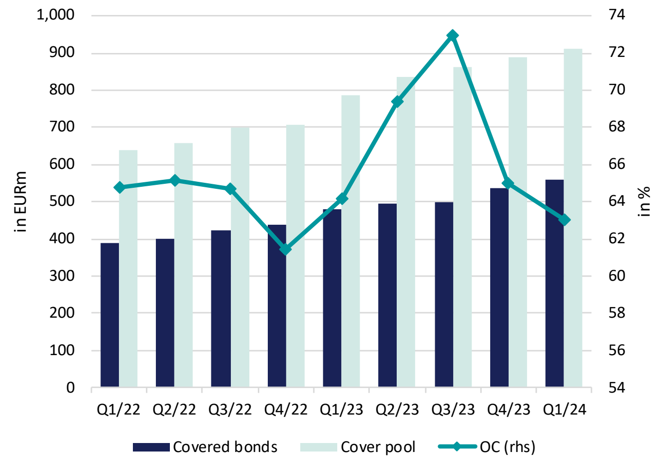
PSD Bank Rhein-Ruhr

Mortgage

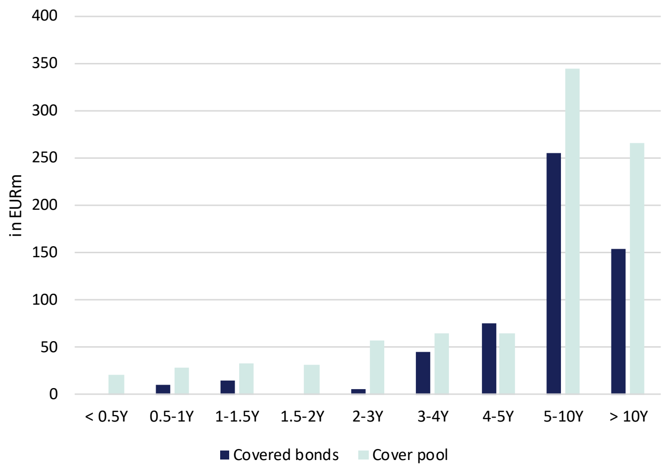
Cover pool data

Cover pool (EURm)	911.4	Number of loans	9,113
of which residential	97.6%	Number of borrowers	7,140
of which commercial	0.0%	Number of properties	7,545
of which substitution assets	2.4%	Avg. exposure to borrowers (EUR)	124,565
of which derivatives	0.0%	Share of 10 largest borrowers	0.8%
Covered bonds (EURm)	559.0	Share of owner-occupied dwellings	87.5%
OC (EURm)	352.4	Share of multi-familiy houses	6.9%
OC	63.0%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	7.7y	Share of largest exposure tranche	92.7% (< EUR 0.3m)
WAL (Covered Bonds)	8.2y	Avg. seasoning	5.0y
Avg. LTV (Original value)	51.0%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

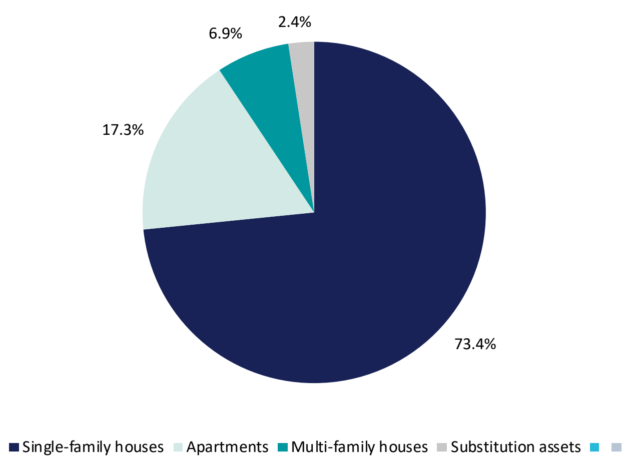
Development of cover pool data



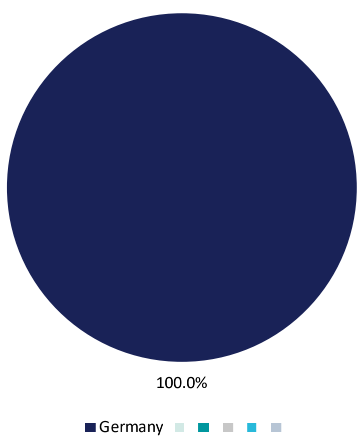
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

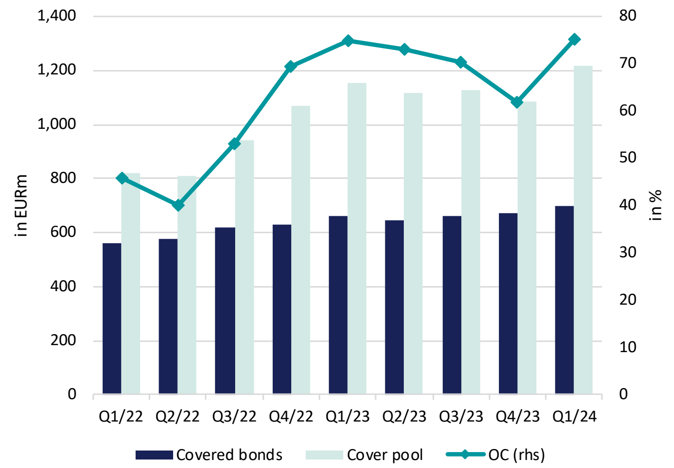
SaarLB

Mortgage

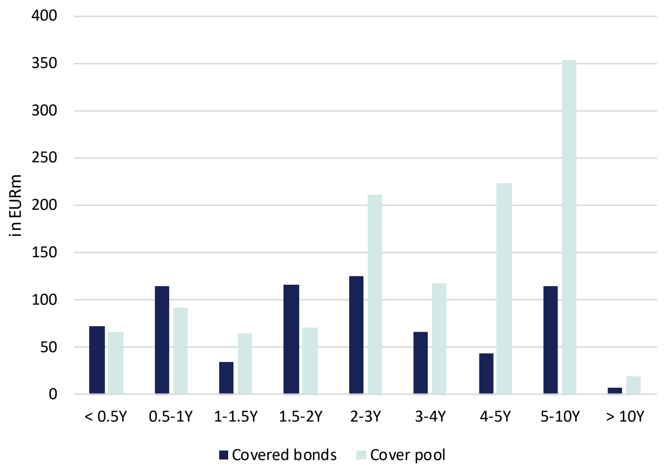
Cover pool data

Cover pool (EURm)	1,219.9	Number of loans	n/a
of which residential	1.8%	Number of borrowers	n/a
of which commercial	94.1%	Number of properties	n/a
of which substitution assets	4.1%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	696.3	Share of owner-occupied dwellings	n/a
OC (EURm)	523.6	Share of multi-familiy houses	n/a
OC	75.2%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	90.0%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	86.4%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	60.2% (> EUR 10m)
WAL (Covered Bonds)	n/a	Avg. seasoning	4.8y
Avg. LTV (Original value)	52.9%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

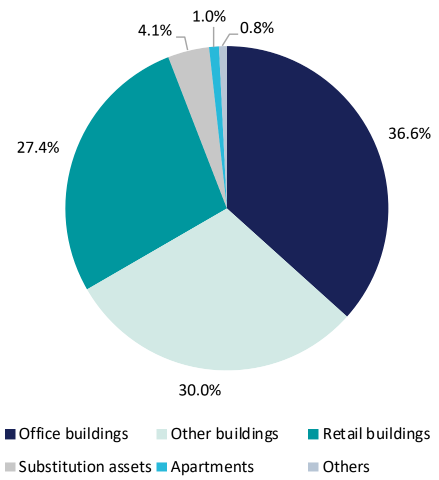
Development of cover pool data



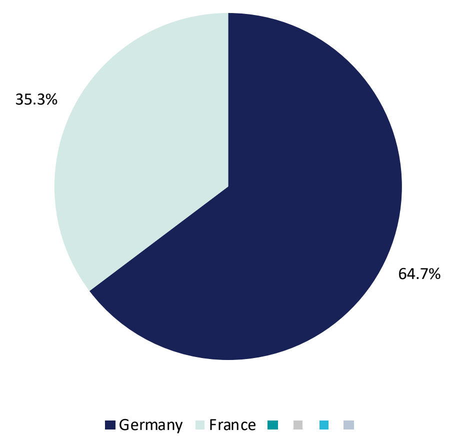
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

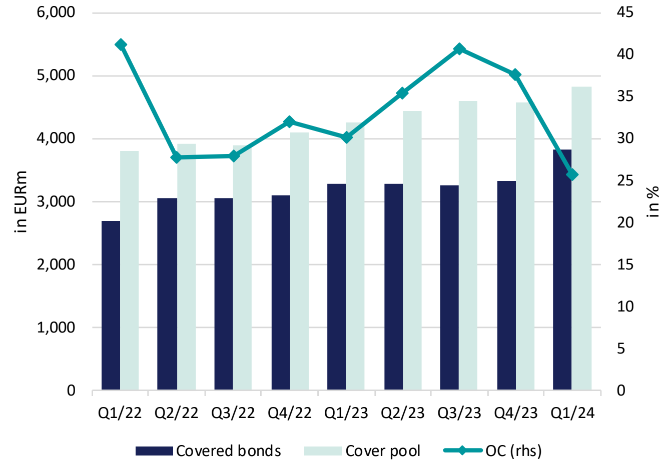
SaarLB

Public sector

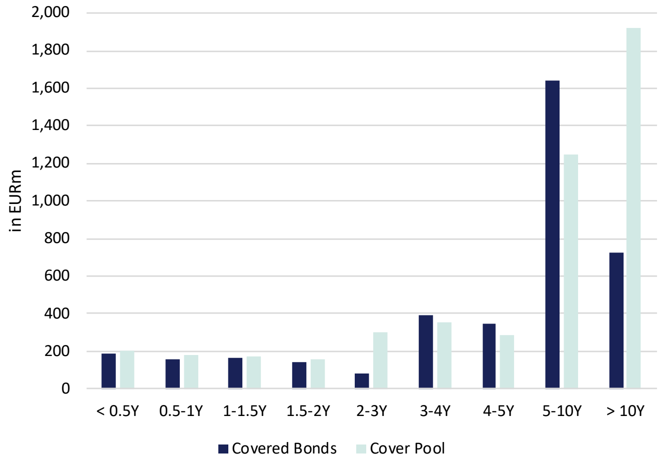
Cover pool data

Cover pool (EURm)	4,827.7	Number of loans	n/a
of which substitution assets	0.0%	Number of borrowers	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	3,839.7	Avg. exposure to borrowers (EUR)	n/a
OC (EURm)	988.0	EUR share (Cover pool)	n/a
OC	25.7%	EUR share (Covered bonds)	n/a
Fixed interest (Cover pool)	76.3%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	98.7%	Share of largest exposure tranche	65.9% (EUR 10-100m)
WAL (Cover pool)	n/a	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	n/a		

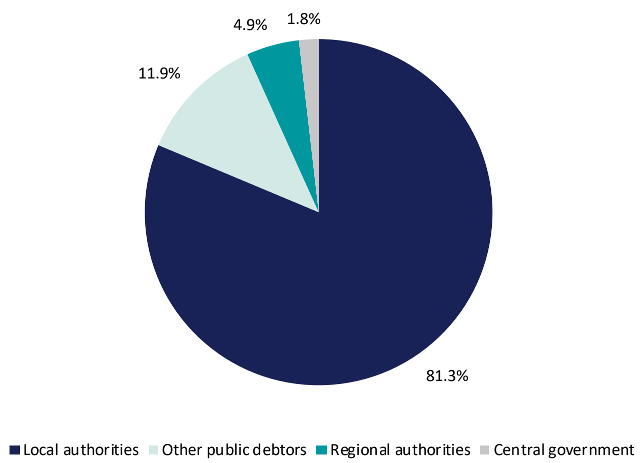
Development of cover pool data



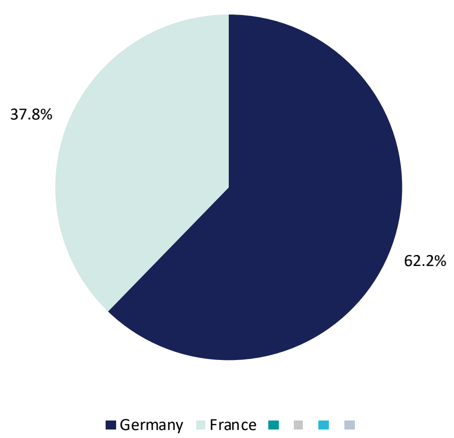
Maturity structure



Composition of primary assets



Regional distribution of claims



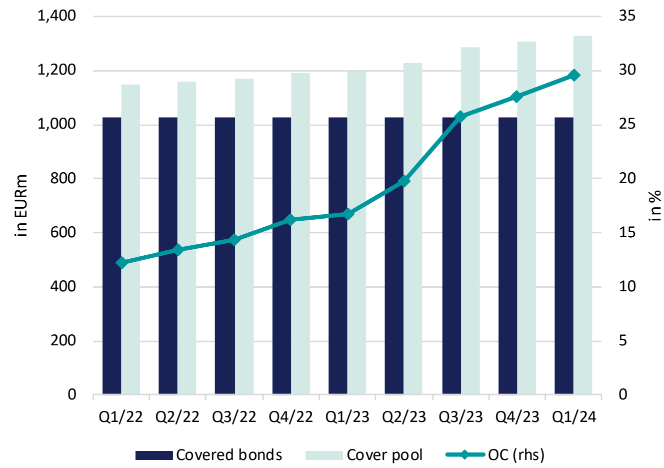
Source: vdp, NORD/LB Floor Research

Santander Consumer Bank — Mortgage

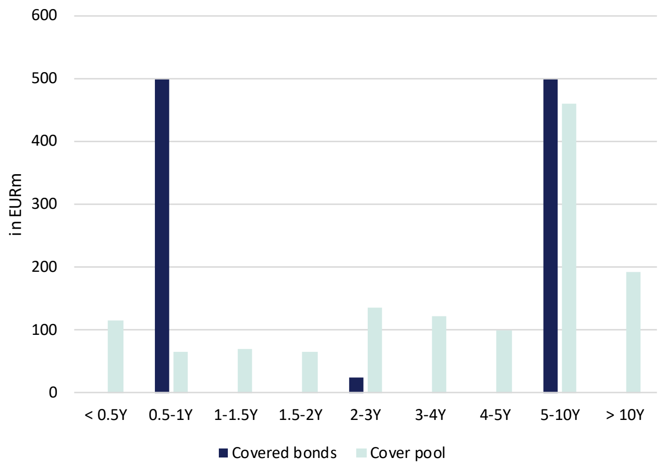
Cover pool data

Cover pool (EURm)	1,327.9	Number of loans	18,926
of which residential	96.1%	Number of borrowers	24,017
of which commercial	0.0%	Number of properties	14,416
of which substitution assets	3.9%	Avg. exposure to borrowers (EUR)	53,156
of which derivatives	0.0%	Share of 10 largest borrowers	0.4%
Covered bonds (EURm)	1,025.0	Share of owner-occupied dwellings	82.1%
OC (EURm)	302.9	Share of multi-familiy houses	1.5%
OC	29.6%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	5.4y	Share of largest exposure tranche	92.1% (< EUR 0.3m)
WAL (Covered Bonds)	3.3y	Avg. seasoning	6.2y
Avg. LTV (Original value)	46.0%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

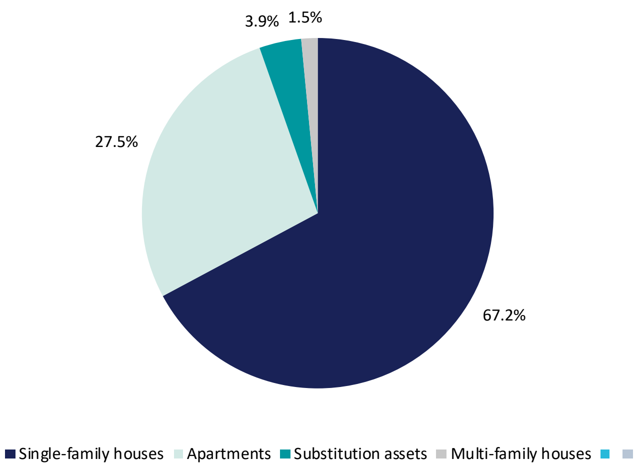
Development of cover pool data



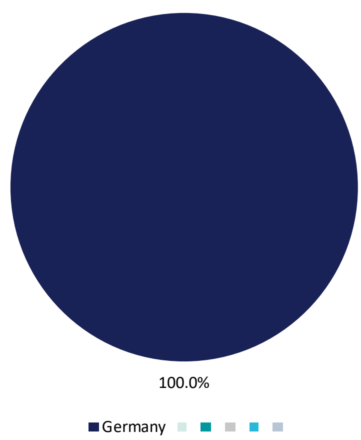
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

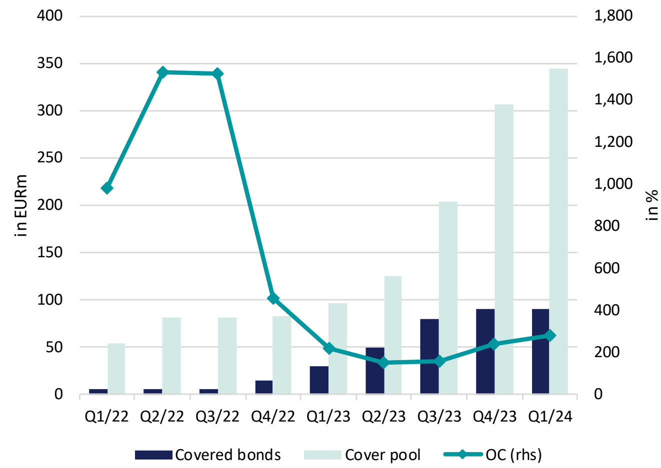
Sparda-Bank Südwest

Mortgage

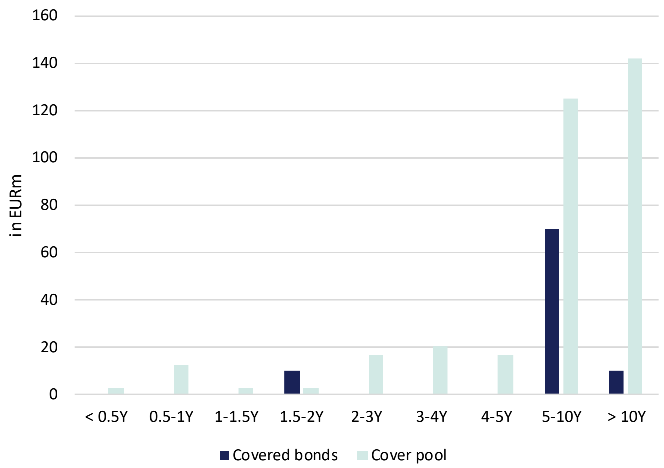
Cover pool data

Cover pool (EURm)	345.1	Number of loans	9,113
of which residential	93.0%	Number of borrowers	7,140
of which commercial	0.0%	Number of properties	7,545
of which substitution assets	7.0%	Avg. exposure to borrowers (EUR)	44,969
of which derivatives	0.0%	Share of 10 largest borrowers	0.8%
Covered bonds (EURm)	90.0	Share of owner-occupied dwellings	87.5%
OC (EURm)	255.1	Share of multi-familiy houses	6.9%
OC	283.5%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	100.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	7.7y	Share of largest exposure tranche	80.6% (< EUR 0.3m)
WAL (Covered Bonds)	8.2y	Avg. seasoning	3.3y
Avg. LTV (Original value)	55.2%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

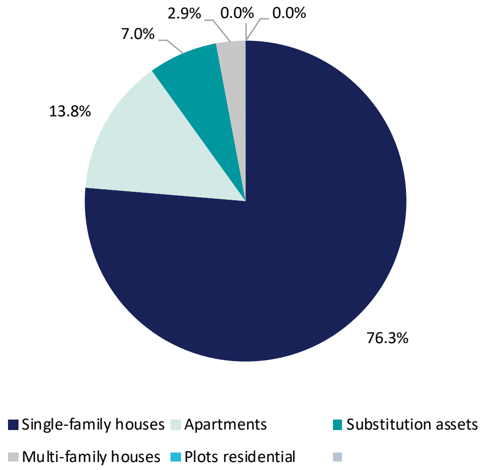
Development of cover pool data



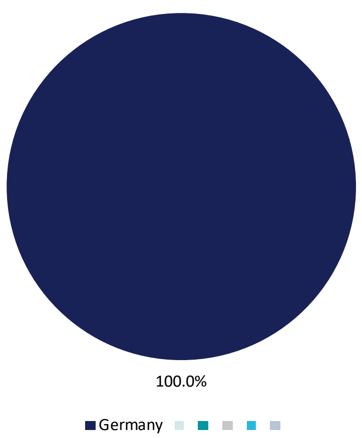
Maturity structure



Composition of cover pool



Regional distribution of properties



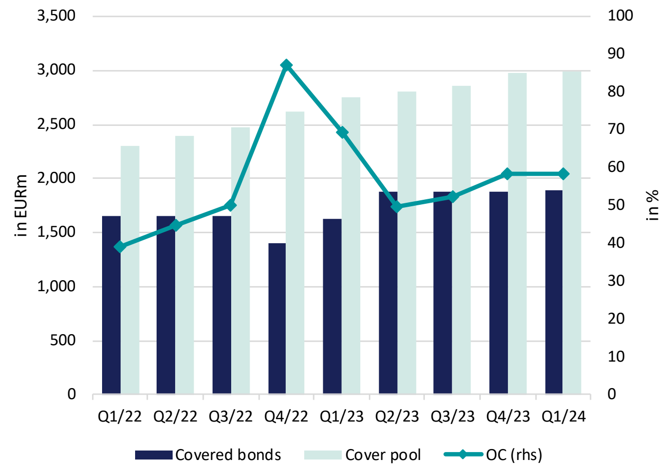
Source: vdp, NORD/LB Floor Research

Sparkasse Hannover — Mortgage

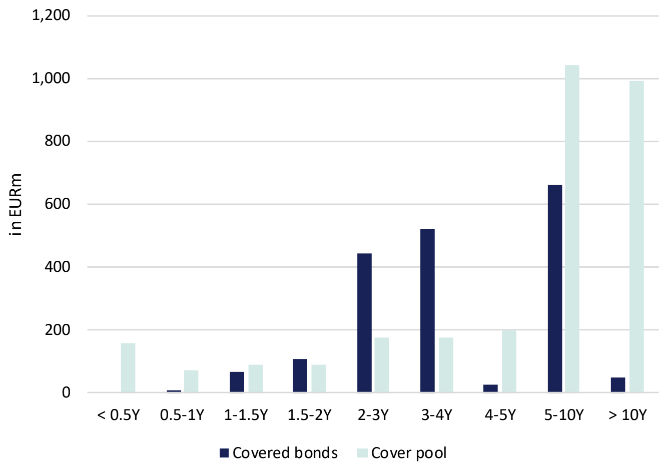
Cover pool data

Cover pool (EURm)	2,997.9	Number of loans	12,504
of which residential	81.2%	Number of borrowers	10,109
of which commercial	15.3%	Number of properties	11,600
of which substitution assets	3.5%	Avg. exposure to borrowers (EUR)	286,162
of which derivatives	0.0%	Share of 10 largest borrowers	0.4%
Covered bonds (EURm)	1,892.6	Share of owner-occupied dwellings	86.2%
OC (EURm)	1,105.3	Share of multi-familiy houses	0.0%
OC	58.4%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	90.9%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	7.8y	Share of largest exposure tranche	65.0% (< EUR 0.3m)
WAL (Covered Bonds)	9.7y	Avg. seasoning	5.4y
Avg. LTV (Original value)	55.6%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

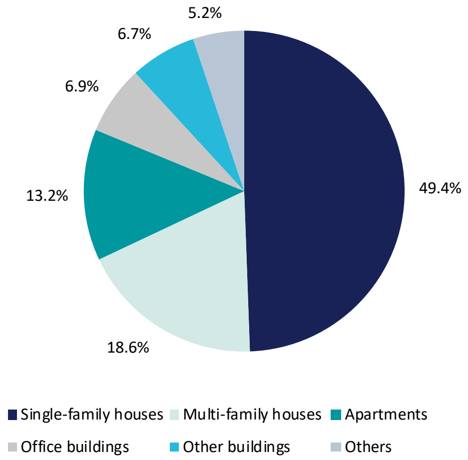
Development of cover pool data



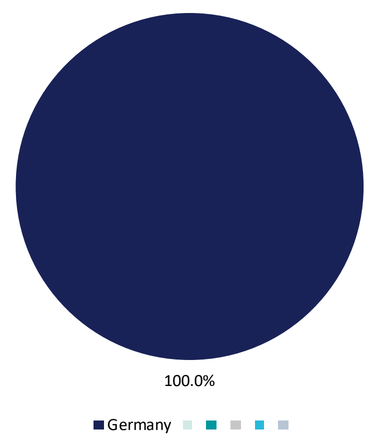
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

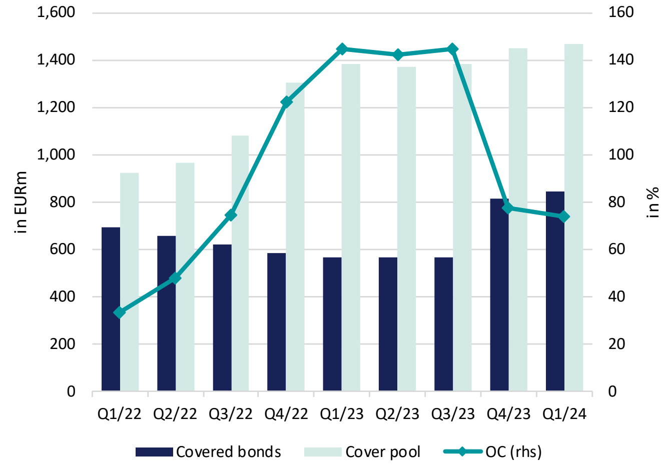
Sparkasse Hannover

Public sector

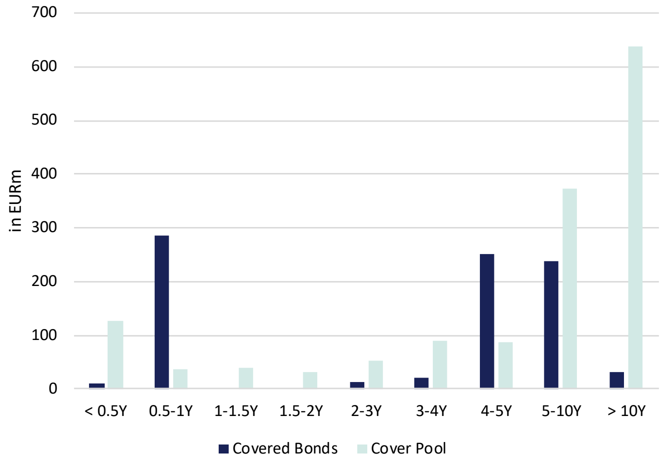
Cover pool data

Cover pool (EURm)	1,472.4	Number of loans	n/a
of which substitution assets	0.0%	Number of borrowers	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	846.1	Avg. exposure to borrowers (EUR)	n/a
OC (EURm)	626.3	EUR share (Cover pool)	n/a
OC	74.0%	EUR share (Covered bonds)	n/a
Fixed interest (Cover pool)	95.2%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	44.8% (EUR 10-100m)
WAL (Cover pool)	n/a	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	n/a		

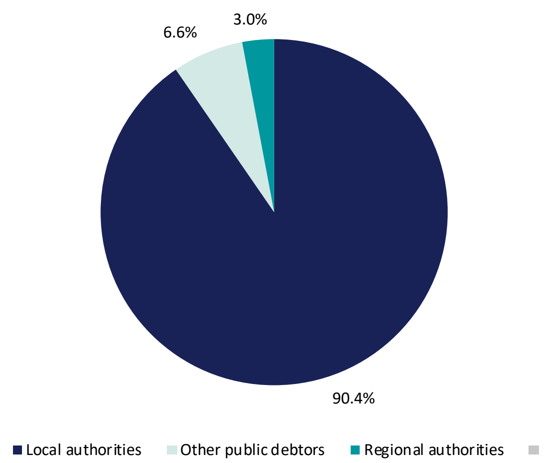
Development of cover pool data



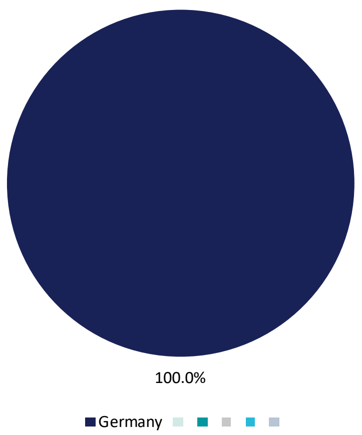
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

NORD/LB

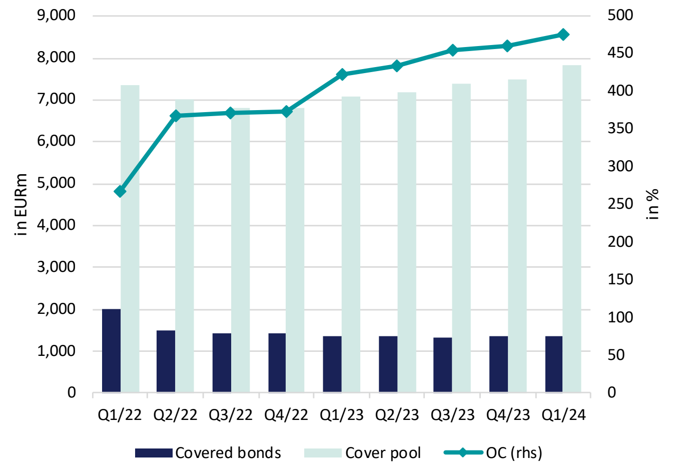
Sparkasse KölnBonn

Mortgage

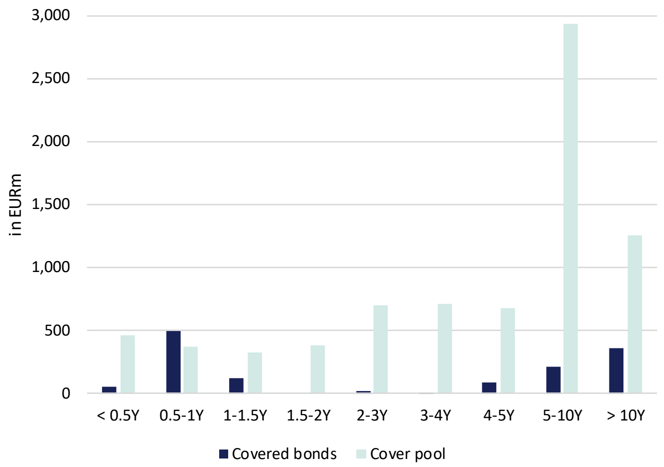
Cover pool data

Cover pool (EURm)	7,816.0	Number of loans	n/a
of which residential	75.5%	Number of borrowers	n/a
of which commercial	21.6%	Number of properties	n/a
of which substitution assets	2.9%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	1,358.8	Share of owner-occupied dwellings	n/a
OC (EURm)	6,457.2	Share of multi-familiy houses	n/a
OC	475.2%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	92.3%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	44.1% (< EUR 0.3m)
WAL (Covered Bonds)	n/a	Avg. seasoning	5.8y
Avg. LTV (Original value)	53.6%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

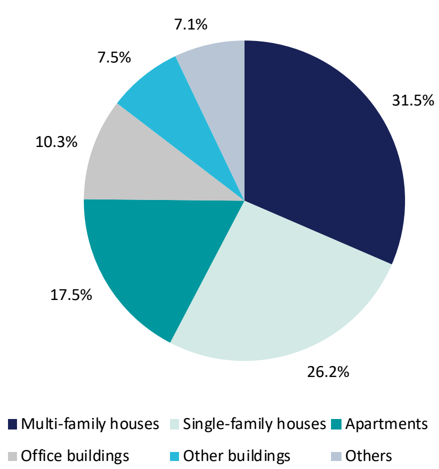
Development of cover pool data



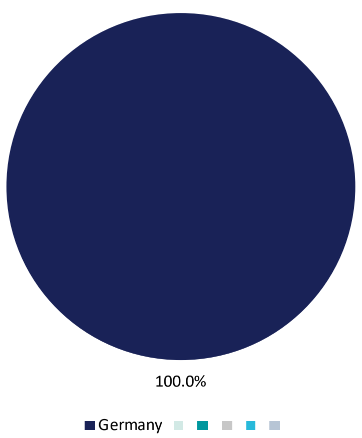
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

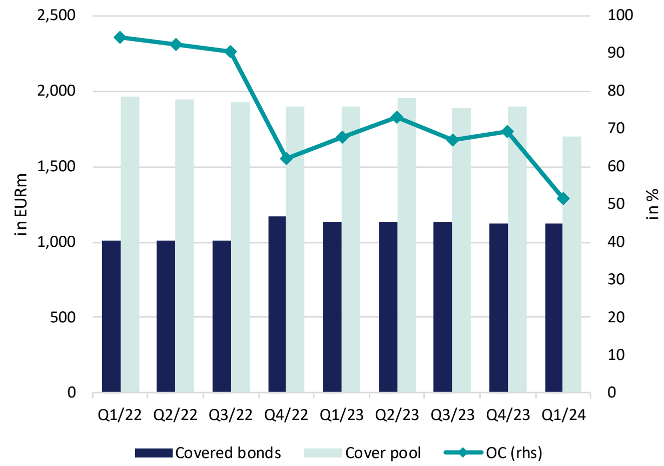
Stadtsparkasse Düsseldorf

Mortgage

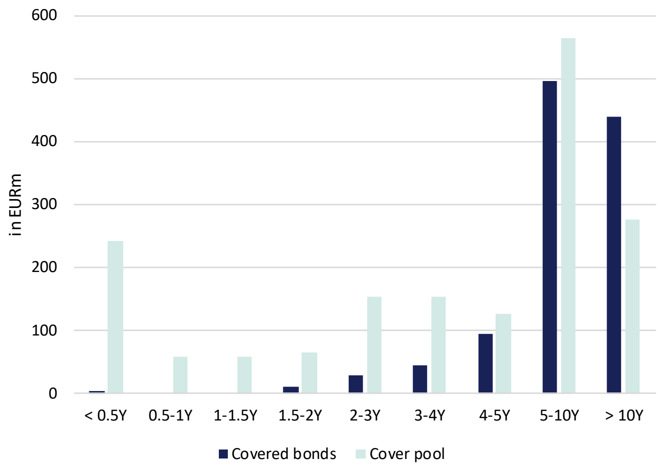
Cover pool data

Cover pool (EURm)	1,701.2	Number of loans	n/a
of which residential	75.1%	Number of borrowers	n/a
of which commercial	19.3%	Number of properties	n/a
of which substitution assets	0.0%	Avg. exposure to borrowers (EUR)	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	1,121.3	Share of owner-occupied dwellings	n/a
OC (EURm)	579.9	Share of multi-familiy houses	n/a
OC	51.7%	EUR share (Cover pool)	n/a
Fixed interest (Cover pool)	88.7%	EUR share (Covered bonds)	n/a
Fixed interest (Covered bonds)	100.0%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	n/a	Share of largest exposure tranche	45.7% (< EUR 0.3m)
WAL (Covered Bonds)	n/a	Avg. seasoning	7.5y
Avg. LTV (Original value)	54.9%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

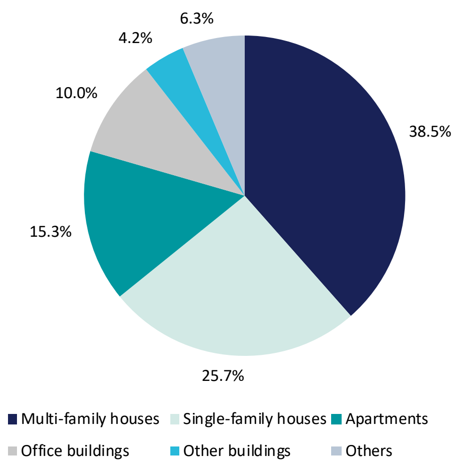
Development of cover pool data



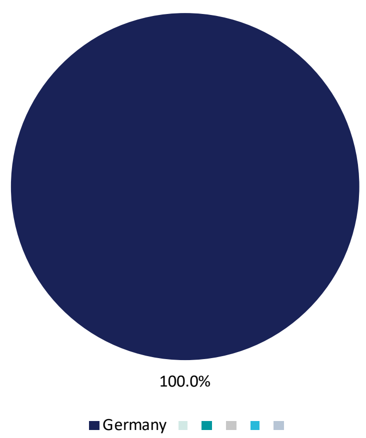
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

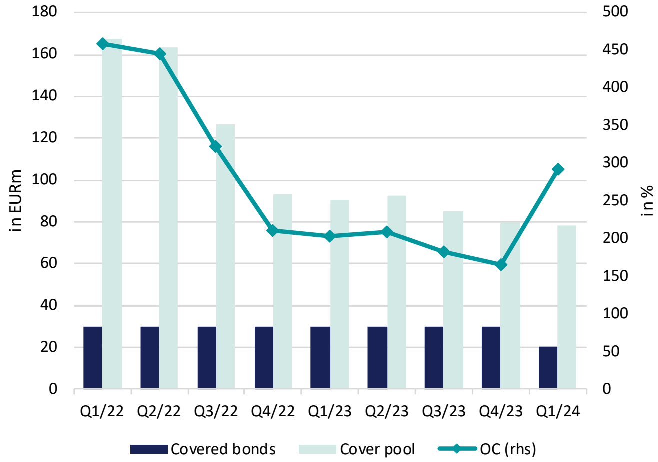
Stadtsparkasse Düsseldorf

Public sector

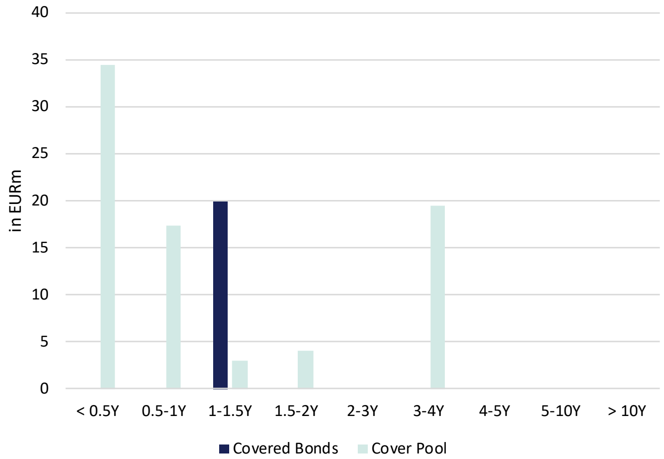
Cover pool data

Cover pool (EURm)	78.5	Number of loans	n/a
of which substitution assets	0.0%	Number of borrowers	n/a
of which derivatives	0.0%	Share of 10 largest borrowers	n/a
Covered bonds (EURm)	20.0	Avg. exposure to borrowers (EUR)	n/a
OC (EURm)	58.5	EUR share (Cover pool)	n/a
OC	292.6%	EUR share (Covered bonds)	n/a
Fixed interest (Cover pool)	82.2%	Largest FX position (NPV in EURm)	-
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	76.7% (EUR 10-100m)
WAL (Cover pool)	n/a	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	n/a		

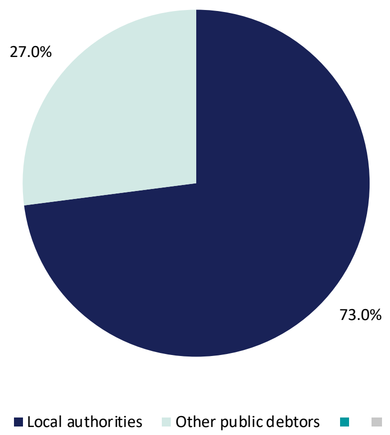
Development of cover pool data



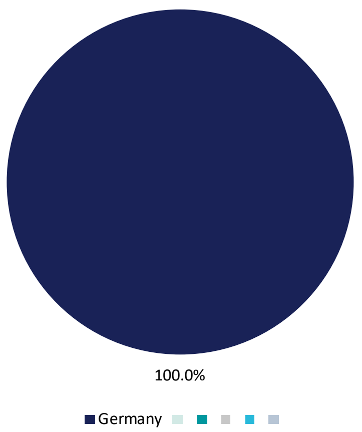
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

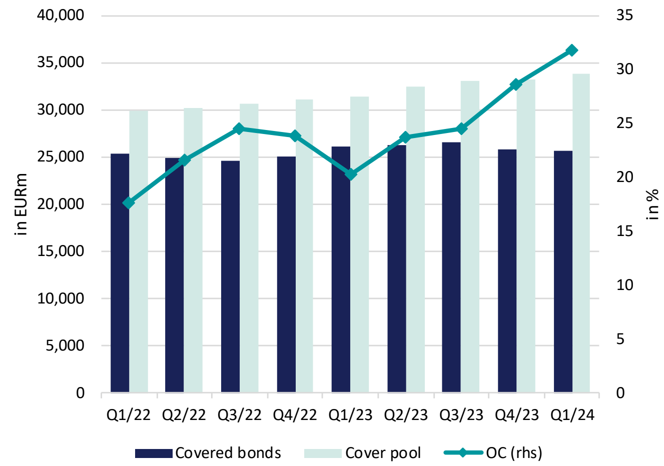
UniCredit Bank

Mortgage

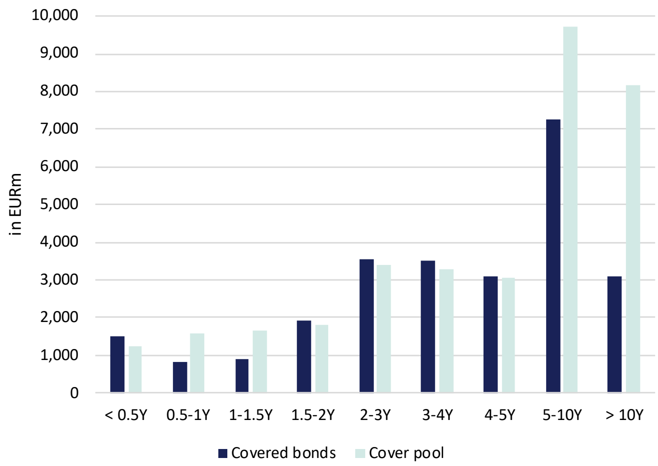
Cover pool data

Cover pool (EURm)	33,900.2	Number of loans	127,011
of which residential	69.0%	Number of borrowers	98,227
of which commercial	27.8%	Number of properties	119,927
of which substitution assets	3.1%	Avg. exposure to borrowers (EUR)	334,302
of which derivatives	0.0%	Share of 10 largest borrowers	8.4%
Covered bonds (EURm)	25,705.6	Share of owner-occupied dwellings	34.9%
OC (EURm)	8,194.6	Share of multi-familiy houses	23.8%
OC	31.9%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	83.0%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	99.6%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	7.0y	Share of largest exposure tranche	32.1% (< EUR 0.3m)
WAL (Covered Bonds)	5.4y	Avg. seasoning	6.7y
Avg. LTV (Original value)	42.7%	Loans in arrears (>90 days)	0.00%
Avg. LTV (Market value)	n/a		

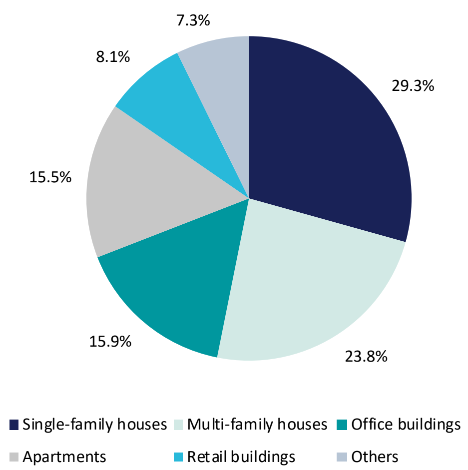
Development of cover pool data



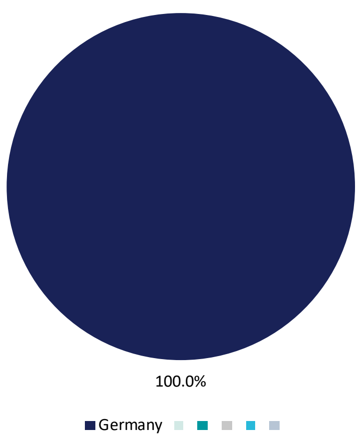
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

NORD/LB

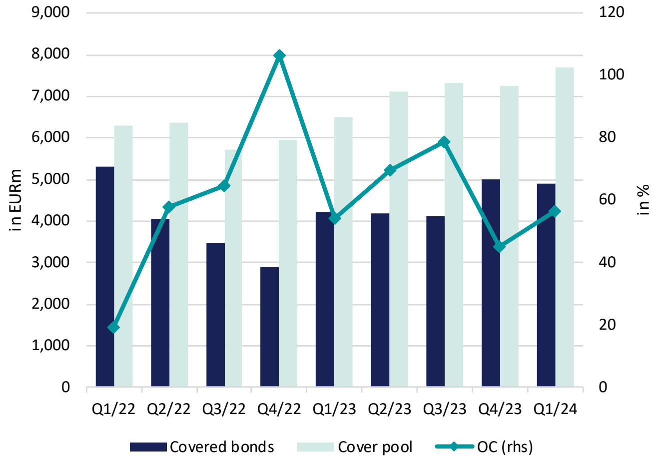
UniCredit Bank

Public sector

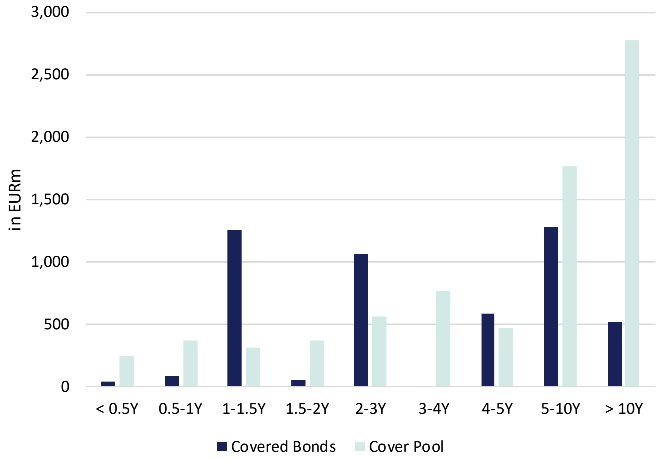
Cover pool data

Cover pool (EURm)	7,679.3	Number of loans	1,465
of which substitution assets	0.0%	Number of borrowers	751
of which derivatives	0.0%	Share of 10 largest borrowers	48.0%
Covered bonds (EURm)	4,903.2	Avg. exposure to borrowers (EUR)	10,225,433
OC (EURm)	2,776.1	EUR share (Cover pool)	97.4%
OC	56.6%	EUR share (Covered bonds)	100.0%
Fixed interest (Cover pool)	79.7%	Largest FX position (NPV in EURm)	USD (192.1)
Fixed interest (Covered bonds)	100.0%	Share of largest exposure tranche	63.9% (> EUR 100m)
WAL (Cover pool)	12.6y	Loans in arrears (>90 days)	0.00%
WAL (Covered Bonds)	5.6y		

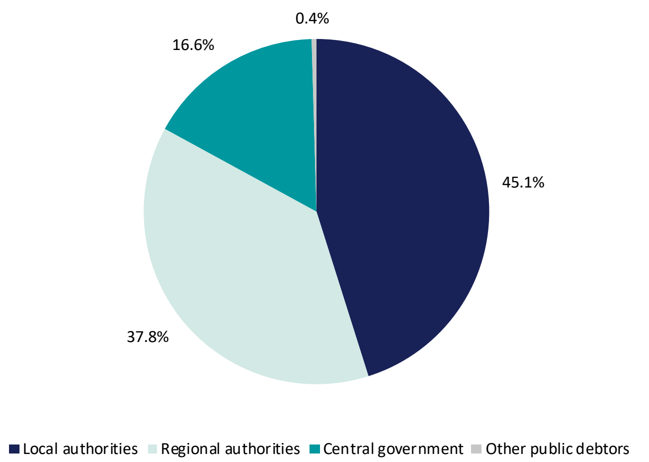
Development of cover pool data



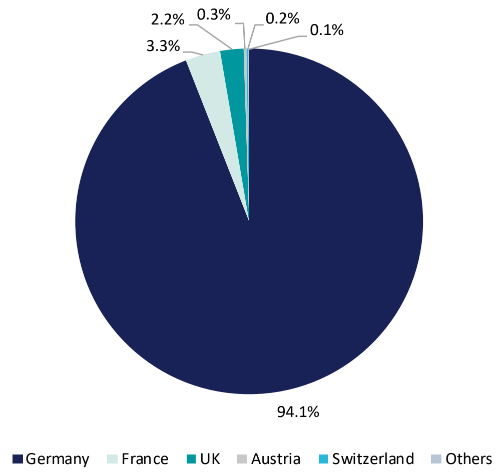
Maturity structure



Composition of primary assets



Regional distribution of claims



Source: vdp, NORD/LB Floor Research

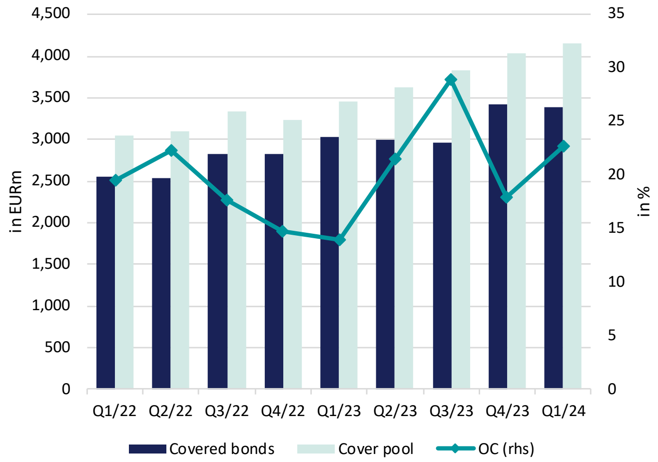
Wüstenrot Bausparkasse

Mortgage

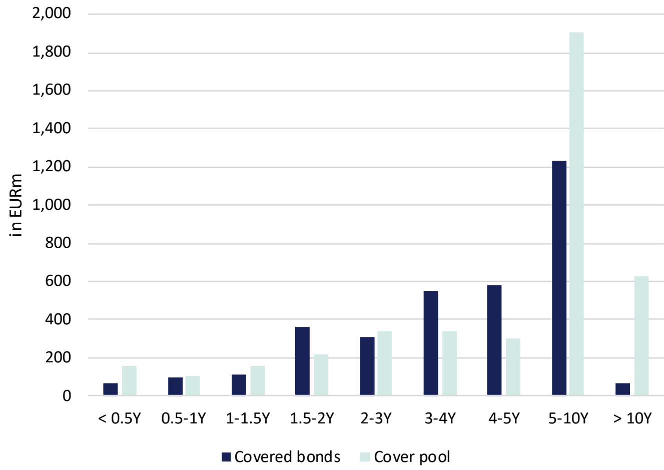
Cover pool data

Cover pool (EURm)	4,150.5	Number of loans	33,549
of which residential	87.6%	Number of borrowers	29,306
of which commercial	2.5%	Number of properties	31,062
of which substitution assets	9.9%	Avg. exposure to borrowers (EUR)	127,603
of which derivatives	0.0%	Share of 10 largest borrowers	6.0%
Covered bonds (EURm)	3,384.1	Share of owner-occupied dwellings	63.2%
OC (EURm)	766.4	Share of multi-familiy houses	19.0%
OC	22.6%	EUR share (Cover pool)	100.0%
Fixed interest (Cover pool)	99.4%	EUR share (Covered bonds)	100.0%
Fixed interest (Covered bonds)	99.4%	Largest FX position (NPV in EURm)	-
WAL (Cover pool)	6.3y	Share of largest exposure tranche	69.1% (< EUR 0.3m)
WAL (Covered Bonds)	4.3y	Avg. seasoning	7.1y
Avg. LTV (Original value)	50.5%	Loans in arrears (>90 days)	0.04%
Avg. LTV (Market value)	n/a		

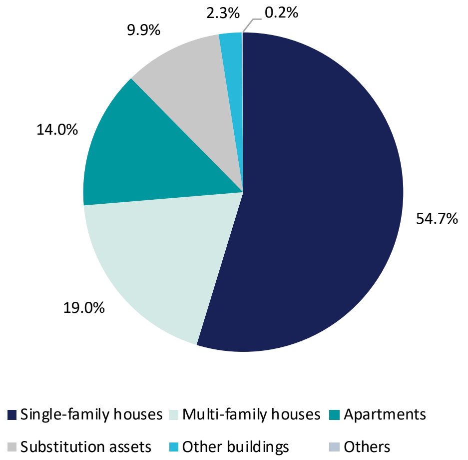
Development of cover pool data



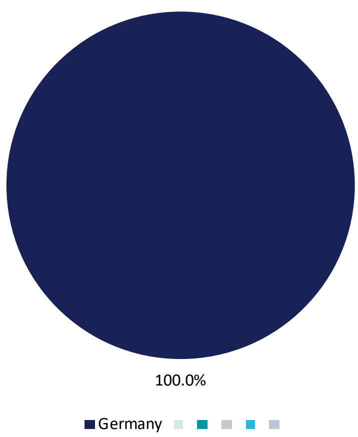
Maturity structure



Composition of cover pool



Regional distribution of properties



Source: vdp, NORD/LB Floor Research

Appendix
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Financials	+49 511 9818-9490
Governments	+49 511 9818-9660
Länder/Regionen	+49 511 9818-9660
Frequent Issuers	+49 511 9818-9640

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