Publication in accordance with § 28 PfandBG Mortgage Pfandbriefe

4th Quarter 2019 as of December 31th, 2019





### Mortgage Pfandbriefe - Publication in accordance with § 28 PfandBG as of December 31th, 2019

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#### I. Nominal value

Total amounts in mill EUR	Nominal value		
	<b>Q4/2019</b> Q4/20		
Outstanding Pfandbriefe	134,5	79,5	
Public sector cover pool	611,5	467,7	
Overcollateralization	477,0	388,2	
Overcollateralization in % of outstanding	354,6 %	488,3 %	

#### II. vdp-Credit qualitiy differentiation model

Overcollateralization in consideration of the "vdp-Credit quality differentiation model"	Nomina	l value	Net present value		
in mill EUR	Q4/2019	Q4/2018	Q4/2019	Q4/2018	
Overcollateralization	477,0	388,2	508,7	414,7	
Overcollateralization according to the "vdp-Credit quality differentiation model"	477,0	388,2	508,7	414,7	
Overcollateralization in % of outstanding	<b>354,6</b> %	488,3 %	374,9 %	517,8 %	

#### III. Derivatives contained in cover pool

Total amounts in mill EUR	Nomina	al value
	<b>Q4/2019</b> Q4/20	
Derivates	0,0	0,0



#### IV. Nominal value and net present value

Total amounts in mill EUR	Nomina	al value	Net present value		
	Q4/2019	Q4/2018	Q4/2019	Q4/2018	
Outstanding Pfandbriefe	134,5	79,5	135,7	80,1	
Public sector cover pool	611,5	467,7	644,4	494,8	
Overcollateralization	477,0	388,2	508,7	414,7	
Overcollateralization in % of outstanding	354,6 %	488,3 %	374,9 %	517,8 %	

Total amounts in mill EUR	Net present value + 250 BP		Net present value - 250 BP		Net present value Currency stress	
	Q4/2019	Q4/2018	Q4/2019	Q4/2018	Q4/2019	Q4/2018
Outstanding Pfandbriefe	127,5	76,9	144,7	83,5	127,5	76,9
Public sector cover pool	604,3	453,4	690,1	542,9	604,3	453,4
Overcollateralization	476,8	376,5	545,4	459,4	476,8	376,5
Overcollateralization in % of outstanding	373,9 %	489,5 %	376,8 %	550,3 %	373,9 %	489,5 %

Foreign Currencies	Net present value currency	-	Rates of exchange		Net present value in mill EUR	
	Q4/2019	Q4/2018	Q4/2019	Q4/2018	Q4/2019	Q4/2018
Total amounts					0,0	0,0

Remark: Net present value on Static Method basis in accordance with § 5 and § 6 PfandBarwertV



#### V. Maturity structure

Maturity ranges			Outstanding Pfandbriefe in mill EUR		Mortgage cover pool in mill EUR		
induity ranges			Q4/2019	Q4/2018	Q4/2019	Q4/2018	
	<=	6 months	19,5	0,0	0,0	0,0	
6 months	<=	12 months	10,0	30,0	74,6	0,0	
12 months	<=	18 months	0,0	0,0	20,2	0,0	
18 months	<=	2 years	10,0	29,5	0,0	67,1	
2 years	<=	3 years	35,0	10,0	176,0	74,5	
3 years	<=	4 years	60,0	10,0	67,2	110,9	
4 years	<=	5 years	0,0	0,0	56,4	71,9	
5 years	<=	10 years	0,0	0,0	217,0	143,3	
	>	10 years	0,0	0,0	0,0	0,0	
otal amounts			134,5	79,5	611,5	467,7	



#### VI. Breakdown of cover pool by size

Breakdown of cover pool by size (in mill EUR)						
			Q4/2019	Q4/2018		
Regular cover	<=	0,3 mill EUR	0,0	0,0		
Mortgage Loans			0,0	0,0		
Regular cover	0,3 mill EUR <=	1,0 mill EUR	0.0	0.8		
Mortgage Loans			0,0	0,8		
Regular cover	1,0 mill EUR <=	10,0 mill EUR	5,9	<i>11 G</i>		
Mortgage Loans			5,5	41,6		
Regular cover	>	10,0 mill EUR	E70 6	41E D		
Mortgage Loans			570,6	415,3		
Amounts			576,5	457,7		
Additional cover pool a	ssets according to					
§ 19 para. 1 no. 1, no.			35,0	10,0		
Total amounts			611,5	467,7		



#### **VII. Fixed-interest rate assets**

Total amounts of fixed-interest assets (nominal and percentage values)	Total amoun	Total amounts in mill EUR		thereof: Nominal value of fixed interest assets		thereof: Percentage of fixed interest assets	
	Q4/2019	Q4/2018	Q4/2019	Q4/2018	Q4/2019	Q4/2018	
Outstanding Pfandbriefe	134,5	79,5	134,5	79,5	100,0 %	100,0 %	
Public sector cover pool	611,5	467,7	460,3	384,7	75,3 %	82,2 %	

#### VIII. Volume-weighted average maturity elapsed

Information on claims according to § 12 PfandBG	Average in years			
	Q4/2019	Q4/2018		
According to § 28 para. 1 no. 11 PfandBG: Volume-weighted average of the maturity that has elapsed since the loan was granted (seasoning)	3,4	3,3		

#### IX. Weighted average mortgage lending value

Information on claims according to § 12 PfandBG	Average i	n percent
	Q4/2019	Q4/2018
According to § 28 para. 2 no.3 PfandBG: Weighted mortgage lending value	58,5	58,0



#### X. Additional cover pool assets

litional cover pool assets according to	Total amoun	ts in mill EUR
) para. 1 no. 1, no. 2 and no. 3 PfandBG	Q4/2019	Q4/2018
	35,0	10,0
Thereof additional cover pool assets according to § 28 para. 1 no. 4	Total amoun	ts in mill EUR
Thereof additional cover pool assets according to § 28 para. 1 no. 4 in conjunction with § 19 para. 1 no. 1 PfandBG	Total amoun Q4/2019	ts in mill EUR Q4/2018

Thereof additional cover pool assets according to § 28 para. 1 no. 5 in conjunction with § 19 para. 1 no. 2 Pfano	dBG	Total amount	ts in mill EUR	thereof: Exposure according to Artic (EU) No S	le 129 Regulation
based in	Code (*)	Q4/2019	Q4/2018	Q4/2019	Q4/2018

Germany	DE	0,0	0,0	0,0	0,0
Total amounts		0,0	0,0	0,0	0,0

Thereof additional cover pool assets according to § 28 para. 1 no. 6 in conjunction with § 19 para. 1 no. 2 ar PfandBG	Total amounts in mill FUR thereof: Exposure in bonds		Total amounts in mill EUR		thereof: Cover pool assets according to § 19 para. 1 no. 2 in conjunction with § 4 para. 1 sentence 2 no. 1 and 2 PfandBG		
based in	Code (*)	Q4/2019	Q4/2018	Q4/2019	Q4/2018	Q4/2019	Q4/2018
Bundesrepublik Deutschland	DE	35,0	10,0	25,0	0,0	10,0	10,0
Total amounts		35,0	10,0	25,0	0,0	10,0	10,0

(\*) Remark: The terms of country codes are based on the two-letter ISO-Codes defined in 'ISO 3166 alpha-2', published by the International Organization for Standardization (ISO).

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#### XI. Exceedances

Information according to § 28 para. 1	Total amounts in mill EUR		
no. 7 and no. 8 PfandBG	Q4/2019	Q4/2018	
Cover pool assets that exceed the limits of § 13 para. 1 PfandBG (§ 28 para. 1 no. 7 PfandBG)	0,0	0,0	
Cover pool assets that exceed the limits of § 19 para. 1 no. 2 PfandBG (§ 28 para. 1 no. 8 and no. 5 PfandBG)	0,0	0,0	
Cover pool assets that exceed the limits of § 19 para. 1 no. 3 PfandBG (§ 28 para. 1 no. 8 and no. 6 PfandBG)	0,0	0,0	



#### XII. Breakdown of cover pool

	Comm	nercial	Residential		
Total amounts	amounts i	n mill EUR	amounts in mill EUR		
	Q4/2019	Q4/2018	Q4/2019	Q4/2018	
Condominiums	0,0	0,0	0,0	0,0	
Single-/Two-family-houses	0,0	0,0	0,0	0,0	
Multi-family dwellings	0,0	0,0	0,0	0,0	
Office buildings	411,1	303,0	0,0	0,0	
Retail buildings	43,8	43,8	0,0	0,0	
Industrial buildings	0,0	0,0	0,0	0,0	
Other commercial buildings	121,5	110,9	0,0	0,0	
Buildings under construction not yet producing yield	0,0	0,0	0,0	0,0	
Building land	0,0	0,0	0,0	0,0	
Amounts	576,5	457,7	0,0	0,0	
Additional cover pool assets (statutory overcollateralization / safeguarding liquidity inclusive)	35,0	10,0	0,0	0,0	
Total amounts	611,5	467,7	0,0	0,0	



#### XII. Breakdown of cover pool

	Comm	nercial	Residential		
Germany	amounts i	n mill EUR	amounts in mill EUR		
	Q4/2019	Q4/2018	Q4/2019	Q4/2018	
Condominiums	0,0	0,0	0,0	0,0	
Single-/Two-family-houses	0,0	0,0	0,0	0,0	
Multi-family dwellings	0,0	0,0	0,0	0,0	
Office buildings	179,8	106,1	0,0	0,0	
Retail buildings	0,0	0,0	0,0	0,0	
Industrial buildings	0,0	0,0	0,0	0,0	
Other commercial buildings	121,5	110,9	0,0	0,0	
Buildings under construction not yet producing yield	0,0	0,0	0,0	0,0	
Building land	0,0	0,0	0,0	0,0	
Amounts	301,3	217,0	0,0	0,0	
Additional cover pool assets (statutory overcollateralization / safeguarding liquidity inclusive)	35,0	10,0	0,0	0,0	
Total amounts	336,3	227,0	0,0	0,0	



#### XII. Breakdown of cover pool

	Comm	nercial	Resid	ential
France	amounts i	n mill EUR	amounts in mill EUR	
	Q4/2019	Q4/2018	Q4/2019	Q4/2018
Condominiums	0,0	0,0	0,0	0,0
Single-/Two-family-houses	0,0	0,0	0,0	0,0
Multi-family dwellings	0,0	0,0	0,0	0,0
Office buildings	231,3	196,9	0,0	0,0
Retail buildings	43,8	43,8	0,0	0,0
Industrial buildings	0,0	0,0	0,0	0,0
Other commercial buildings	0,0	0,0	0,0	0,0
Buildings under construction not yet producing yield	0,0	0,0	0,0	0,0
Building land	0,0	0,0	0,0	0,0
Amounts	275,2	240,7	0,0	0,0
Additional cover pool assets (statutory overcollateralization / safeguarding liquidity inclusive)	0,0	0,0	0,0	0,0
Total amounts	275,2	240,7	0,0	0,0



#### XIII. Debts in arrears > 90 Days (in mill EUR)

Geographical distribution	Total amounts in mill EUR		
Country	Code (*)	Q4/2019	Q4/2018
Germany	DE	0,0	0,0
France	FR	0,0	0,0
Total amounts		0,0	0,0

### XIV. Total amounts of nonperforming assets, if at least 5% of each individual claim are non performing (in mill EUR)

Geographical distribution	Total amounts in mill EUR		
Country	Code (*)	Q4/2019	Q4/2018
Germany	DE	0,0	0,0
France	FR	0,0	0,0
Total amounts		0,0	0,0

(\*) Remark: The terms of country codes are based on the two-letter ISO-Codes defined in 'ISO 3166 alpha-2', published by the International Organization for Standardization (ISO).

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#### I. Additional voluntary information about the cover pool

		Q4/2019
WAL of cover pool (Total)	in years	3,8
Part of ECB elligble securities	in mill EUR	35,0
Overcollateralisation by law (npv)	in %	2,0

Currency Exposure (nominal)	in mill EUR	Q4/2019
EUR		611,5

Current Rating of Pfandbrief (according to Rating Agency)	Q4/2019
Moody's	Not rated
S&P	Not rated

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#### I. Additional voluntary information about the cover pool

Breakdown of claims agianst centralbanks and banks according to section 25 para. 1 no. 5 by Credit Quality Step	in mill EUR	Q4/2019
Credit Quality Step 1		0,0
Credit Quality Step 2		0,0

Derivates		Q4/2019
Are derivatives included in the cover pool?	Yes / No	No
Dervatives in the cover pool (npv)	in mill EUR	0
Type of swaps (l=intra-group, E=external, B=both, N=none)	(I, E, B, N)	Ν



#### I. Additional voluntary information about the cover pool

		Residential	Commercial
Loans (*)		Q4/2019	Q4/2019
Number of loans		0	15
Number of borrowers		0	19
Total amount of loans granted to the 10 biggest borrowers	in mill EUR	0,0	433,9
Number of properties		0	18
Part of owner occupied homes of cover assets	in mill EUR	0,0	0,0
Part of multi-family homes of cover assets	in mill EUR	0,0	0,0

Loans (*)		Q4/2019
% of insured mortgages in the cover pool of total cover asstes	in %	100,0%
Are Insurances part of the cover pool?	Yes / No	Yes
Are guaranteed loans included in the cover pool?	Yes / No	Not applicable (**)
% of guaranteed loans of total cover asstes	in %	Not applicable (**)
Are self certified loans included in the cover pool?	Yes / No	Not applicable (**)
Are limited certified loans included in the cover pool?	Yes / No	Not applicable (**)
% of non first lien mortgages in the cover pool of total cover assets	in %	Not applicable (**)
Are ABS included in the cover pool?	Yes / No	Not applicable (**)
Part of interest only loans of total cover assets	in mill EUR	485,8

(\*) Remark: Only regular cover pool assets are included.

(\*\*) Remark: Not applicable according to current legal situation.



#### I. Additional voluntary information about the cover pool

Loan to Value (LT	V) in buck	ets	in mill EUR	Q4/2019
> 0 %	<=	20%		0,0
> 20%	<=	30%		0,0
> 30%	<=	40%		0,0
> 40%	<=	50%		0,0
> 50%	<=	60%		576,5

oan seasoning in sidential + comn				in mill EUR	Q4/2019
	<=	12 months			0,0
12 months	<=	24 months			135,0
24 months	<=	36 months			76,4
36 months	<=	60 months			365,1
60 months	<=	120 months			0,0
120 months	>				0,0



#### II. Additional voluntary information about the outstanding Pfandbriefe

		Q4/2019
WAL of Outstanding Pfandbriefe (Total)	in years	2,6
Do the Pfandbrief contain a soft bullet structure?	Yes / No	No
If yes, how long is the extension period?	in months	-
If yes, is the soft bullet part of the legal framework?	Yes / No	No
Do the Pfandbrief contain a pass through structure?	Yes / No	Not applicable (**)

Currency Exposure (nominal)	in mill EUR	Q4/2019
EUR		134,5

(\*\*) Remark: Not applicable according to current legal situation.