

Publication according to section 28 para. 1 nos. 1 and 3 Pfandbrief Act

## Pfandbriefe outstanding and their cover

### Q2 2021

Outstanding total		nominal value		net present value		risk-adjusted net present value*	
		Q2 2021	Q2 2020	Q2 2021	Q2 2020	Q2 2021	Q2 2020
<b>Mortgage Pfandbriefe</b>	(€ mn.)	11.796,2	12.616,0	12.118,2	12.950,6	11.434,4	11.962,6
of which derivatives	(€ mn.)	-	-	-	-	-	-
Cover Pool	(€ mn.)	15.453,6	15.642,4	16.744,4	17.082,3	14.725,6	15.173,6
of which derivatives	(€ mn.)	-	-	-	-	-	-
Over Collateralization (OC)	(€ mn.)	3.657,3	3.026,4	4.626,2	4.131,8	3.291,1	3.211,0
OC in % of Pfandbriefe outstanding		31,0	24,0	38,2	31,9	28,8	26,8
Over-Collateralization in Consideration of vdp-Credit- Quality-Differentiation-Model	(€ mn.)	3.657,3	3.026,4	4.626,2	4.131,8		
OC in % of Pfandbriefe outstanding		31,0	24,0	38,2	31,9		

\* The static approach was used for calculating the risk-adjusted net present value according to section 5 para. 1 no. 1 of the Net Present Value Regulation (PfandBarwertV).

Outstanding total		nominal value		net present value		risk-adjusted net present value*	
		Q2 2021	Q2 2020	Q2 2021	Q2 2020	Q2 2021	Q2 2020
<b>Public Pfandbriefe</b>	(€ mn.)	10.325,5	9.853,0	11.237,0	10.948,1	10.310,3	9.829,5
of which derivatives	(€ mn.)	-	-	-	-	-	-
Cover Pool	(€ mn.)	12.040,5	12.919,4	14.038,5	15.287,0	12.284,6	13.567,6
of which derivatives	(€ mn.)	-	-	-	-	-	-
Over Collateralization (OC)	(€ mn.)	1.715,0	3.066,4	2.801,5	4.338,9	1.974,3	3.738,1
OC in % of Pfandbriefe outstanding		16,6	31,1	24,9	39,6	19,1	38,0
Over Collateralization in Consideration of vdp-Credit- Quality-Differentiation-Model	(€ mn.)	1.715,0	3.066,4	2.801,5	4.338,9		
OC in % of Pfandbriefe outstanding		16,6	31,1	24,9	39,6		

\* The static approach was used for calculating the risk-adjusted net present value according to section 5 para. 1 no. 1 of the Net Present Value Regulation (PfandBarwertV).

Note: The release of the over collateralization with a view to the vdp-credit quality differentiation model is voluntary.

## Maturity structure of Pfandbriefe outstanding and their respective cover pools Q2 2021

Mortgage Pfandbriefe	Q2 2021		Q2 2020	
	Pfandbriefe outstanding € mn.	Cover pool € mn.	Pfandbriefe outstanding € mn.	Cover pool € mn.
Maturity:				
<= 0,5 years	1.100,4	1.406,6	917,9	1.796,6
> 0,5 years and <= 1 year	1.232,5	1.157,4	1.115,9	1.471,0
> 1 year and <= 1,5 years	732,0	927,2	1.100,0	998,6
> 1,5 years and <= 2 years	1.046,2	531,6	1.271,2	812,9
> 2 years and <= 3 years	1.467,6	1.729,9	1.778,2	1.292,0
> 3 years and <= 4 years	2.128,9	1.965,4	1.367,6	1.575,8
> 4 years and <= 5 years	1.023,6	1.982,2	2.028,8	1.385,5
> 5 years and <= 10 years	2.658,3	4.622,0	3.014,4	5.243,9
> 10 years	406,6	1.131,3	22,0	1.066,0

Public Pfandbriefe	Q2 2021		Q2 2020	
	Pfandbriefe outstanding € mn.	Cover pool € mn.	Pfandbriefe outstanding € mn.	Cover pool € mn.
Maturity:				
<= 0,5 years	829,7	498,6	314,7	1.274,7
> 0,5 years and <= 1 year	307,9	830,3	246,1	723,3
> 1 year and <= 1,5 years	1.236,3	696,2	829,7	528,5
> 1,5 years and <= 2 years	591,9	387,3	307,9	789,5
> 2 years and <= 3 years	719,0	1.054,3	1.833,9	1.132,5
> 3 years and <= 4 years	555,6	945,6	820,2	983,8
> 4 years and <= 5 years	1.862,9	995,2	355,6	933,6
> 5 years and <= 10 years	3.098,0	4.145,7	4.139,5	4.408,5
> 10 years	1.124,1	2.487,3	1.005,2	2.145,0

Publication according to section 28 para. 2 no. 1 a Pfandbrief Act, section 28 para. 3 no. 1 Pfandbrief Act and section 28 para. 4 no. 1 a Pfandbrief Act

### Mortgage loans used as cover for Mortgage Pfandbriefe according to their amount in tranches Q2 2021

Cover Assets	Q2 2021 € mn.	Q2 2020 € mn.
up to 300,000 Euros	2.789,9	2.667,0
more than 300,000 Euros up to 1 mn. Euros	848,4	757,3
more than 1 mn. Euros up to 10 mn. Euros	2.624,0	2.559,0
more than 10 mn. Euros	8.195,7	8.800,7
<b>Total</b>	<b>14.457,9</b>	<b>14.784,0</b>

### Cover Assets used to secure public Pfandbriefe according to their amount in tranches Q2 2021

Cover Assets	Q2 2021 € mn.	Q2 2020 € mn.
up to 10 mn. Euros	2.960,0	2.990,2
more than 10 mn. Euros up to 100 mn. Euros	3.313,4	3.087,3
more than 100 mn. Euros	5.767,1	6.841,9
<b>Total</b>	<b>12.040,5</b>	<b>12.919,4</b>

Publication according to section 28 para. 2 no. 1 b, c and no. 2 Pfandbrief Act

**Volume of claims used to cover Mortgage Pfandbriefe according to states in which the real property is located, according to property type and the total amount of payments in arrears for at least 90 days as well as the total amount of these claims inasmuch as the respective amount in arrears is at least 5 percent of the claim**  
**Q2 2021**

		Cover assets														Total amount of payments in arrears for at least 90 days	Total amount of these claims inasmuch as the respective amount in arrears is at least 5 percent of the claim
State	Q2	Residential							Commercial								
		thereof							thereof								
		Total	Apartments	Single-and two-family houses	Multiple-family houses	Buildings under construction	Building land	Total	Office buildings	Retail buildings	Industrial buildings	other commercially used buildings	Buildings under construction	Building land			
€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	
<b>Total - all states</b>	year 2021	14.457,9	6.131,8	1.031,3	1.689,5	3.401,3	0,6	9,2	8.326,1	4.010,8	1.802,2	873,5	1.627,2	0,5	11,8	-	-
	year 2020	14.784,0	6.129,7	868,5	1.593,7	3.652,4	6,7	8,4	8.654,3	4.678,2	1.230,2	825,9	1.907,4	1,0	11,7	-	-
<b>Germany</b>	year 2021	11.423,5	5.884,2	1.031,3	1.689,5	3.153,7	0,6	9,2	5.539,3	2.116,1	1.521,5	873,5	1.015,8	0,5	11,8	-	-
	year 2020	11.539,1	5.866,9	868,5	1.593,7	3.389,7	6,7	8,4	5.672,2	2.529,9	1.086,7	807,6	1.235,4	1,0	11,7	-	-
<b>Belgium</b>	year 2021	19,8	-	-	-	-	-	-	19,8	19,8	-	-	-	-	-	-	-
	year 2020	25,1	-	-	-	-	-	-	25,1	25,1	-	-	-	-	-	-	-
<b>France</b>	year 2021	124,0	-	-	-	-	-	-	124,0	124,0	-	-	-	-	-	-	-
	year 2020	124,0	-	-	-	-	-	-	124,0	124,0	-	-	-	-	-	-	-
<b>Great Britain</b>	year 2021	1.047,3	-	-	-	-	-	-	1.047,3	759,9	12,4	-	275,0	-	-	-	-
	year 2020	1.326,1	-	-	-	-	-	-	1.326,1	1.064,9	11,6	18,3	231,3	-	-	-	-
<b>Netherlands</b>	year 2021	301,2	-	-	-	-	-	-	301,2	224,9	-	-	76,3	-	-	-	-
	year 2020	142,6	-	-	-	-	-	-	142,6	136,3	-	-	6,3	-	-	-	-
<b>Canada</b>	year 2021	157,1	-	-	-	-	-	-	157,1	99,2	57,9	-	-	-	-	-	-
	year 2020	73,4	-	-	-	-	-	-	73,4	73,4	-	-	-	-	-	-	-
<b>USA</b>	year 2021	1.385,0	247,6	-	-	247,6	-	-	1.137,4	666,8	210,4	-	260,1	-	-	-	-
	year 2020	1.553,6	262,8	-	-	262,8	-	-	1.290,8	724,6	131,8	-	434,5	-	-	-	-

Publication according to section 28 para. 3 no. 2 Pfandbrief Act

**Volume of claims used to cover Public Pfandbriefe**  
**Q2 2021**

		Cover assets									
		Total		thereof owed by				thereof granted by			
		in the total included claims which are granted for reasons of promoting exports		State	Regional authorities	Local authorities	Other debtors*	State	Regional authorities	Local authorities	Other debtors
State	Q2	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.
<b>Total - all states</b>	year 2021	12.040,5	1.569,3	250,9	2.278,6	2.761,6	3.798,2	1.619,6	166,7	1.164,9	-
	year 2020	12.919,4	2.619,8	210,8	2.363,8	2.757,5	3.481,6	2.670,2	164,0	1.216,2	55,4
<b>Germany</b>	year 2021	11.290,9	1.231,4	-	2.189,8	2.739,6	3.798,2	1.231,6	166,7	1.164,9	-
	year 2020	12.019,0	2.099,5	-	2.266,5	2.735,5	3.481,6	2.099,9	164,0	1.216,2	55,4
<b>Austria</b>	year 2021	111,2	49,2	32,8	29,2	-	-	49,2	-	-	-
	year 2020	118,8	53,1	32,8	32,9	-	-	53,1	-	-	-
<b>Belgium</b>	year 2021	31,7	31,7	-	-	-	-	31,7	-	-	-
	year 2020	41,7	41,7	-	-	-	-	41,7	-	-	-
<b>Denmark</b>	year 2021	89,9	89,9	-	-	-	-	89,9	-	-	-
	year 2020	151,5	151,5	-	-	-	-	151,5	-	-	-
<b>Great Britain</b>	year 2021	-	-	-	-	-	-	-	-	-	-
	year 2020	3,3	3,3	-	-	-	-	3,3	-	-	-
<b>Italy</b>	year 2021	22,0	-	-	-	22,0	-	-	-	-	-
	year 2020	22,0	-	-	-	22,0	-	-	-	-	-
<b>Netherlands</b>	year 2021	29,2	29,2	-	-	-	-	29,2	-	-	-
	year 2020	11,4	11,4	-	-	-	-	11,4	-	-	-
<b>Poland</b>	year 2021	198,1	-	198,1	-	-	-	-	-	-	-
	year 2020	158,0	-	158,0	-	-	-	-	-	-	-
<b>Slovenia</b>	year 2021	20,0	-	20,0	-	-	-	-	-	-	-
	year 2020	20,0	-	20,0	-	-	-	-	-	-	-
<b>Spain</b>	year 2021	50,0	-	-	50,0	-	-	-	-	-	-
	year 2020	50,0	-	-	50,0	-	-	-	-	-	-
<b>Sweden</b>	year 2021	85,7	85,7	-	-	-	-	85,7	-	-	-
	year 2020	90,9	90,9	-	-	-	-	90,9	-	-	-
<b>Switzerland</b>	year 2021	52,1	52,1	-	-	-	-	52,1	-	-	-
	year 2020	151,5	151,5	-	-	-	-	151,5	-	-	-
<b>USA</b>	year 2021	9,5	-	-	9,5	-	-	-	-	-	-
	year 2020	31,2	16,9	-	14,4	-	-	16,9	-	-	-
<b>EU institutions</b>	year 2021	50,0	-	-	-	-	-	50,0	-	-	-
	year 2020	50,0	-	-	-	-	-	50,0	-	-	-

\* Agencies in the amount of EUR 728 million in 2021 and in the amount of EUR 728 million in 2020 included.

**Total amount of payments in arrears for at least 90 days as well as the total amount of these claims inasmuch as the respective amount in arrears is at least 5 percent of the claim**

**Q2 2021**

	Q2	Amount of claims in arrears for at least 90 days					Total amount of these claims inasmuch as the respective amount in arrears is at least 5 % of the claim					
		Total	thereof	Regional	Local authorities	Other debtors	Total	thereof	Regional	Local authorities	Other debtors	
		€ mn.	State	authorities	€ mn.	€ mn.	€ mn.	€ mn.	State	authorities	€ mn.	€ mn.
State												
<b>Total - all states</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Germany</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Austria</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Belgium</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Denmark</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Great Britain</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Italy</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Netherlands</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Poland</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Slovenia</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Spain</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Sweden</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>Switzerland</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>USA</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-
<b>EU institutions</b>	year 2021	-	-	-	-	-	-	-	-	-	-	-
	year 2020	-	-	-	-	-	-	-	-	-	-	-

Publication according to section 28 para. 1 nos. 4, 5 and 6 Pfandbrief Act

## Further cover assets - in detail for Mortgage Pfandbriefe

Q2 2021

Further cover assets for Mortgage Pfandbriefe according to section 19 para. 1 nos. 1, 2 and 3 Pfandbrief Act						
State	Q2	Total € mn.	thereof equalization claims according to section 19 para. 1 no. 1 € mn.	claims according to section 19 para. 1 no. 2		claims according to section 19 para. 1 no. 3 € mn.
				overall € mn.	thereof Covered Bonds according to Article 129 Regulation (EU) Nr. 575/2013 € mn.	
<b>Total - all states</b>	Jahr 2021	995,6	-	-	-	995,6
	Jahr 2020	858,4	-	-	-	858,4
<b>Germany</b>	Jahr 2021	477,2	-	-	-	477,2
	Jahr 2020	476,5	-	-	-	476,5
<b>Austria</b>	Jahr 2021					
	Jahr 2020	50,0	-	-	-	50,0
<b>Belgium</b>	Jahr 2021	50,0	-	-	-	50,0
	Jahr 2020	50,0	-	-	-	50,0
<b>Bulgaria</b>	Jahr 2021	129,9	-	-	-	129,9
	Jahr 2020	129,9	-	-	-	129,9
<b>Italy</b>	Jahr 2021	10,0	-	-	-	10,0
	Jahr 2020	10,0	-	-	-	10,0
<b>Poland</b>	Jahr 2021	105,0	-	-	-	105,0
	Jahr 2020	105,0	-	-	-	105,0
<b>Slovenia</b>	Jahr 2021	10,0	-	-	-	10,0
	Jahr 2020	10,0	-	-	-	10,0
<b>Spain</b>	Jahr 2021	27,0	-	-	-	27,0
	Jahr 2020	27,0	-	-	-	27,0
<b>EU institutions</b>	Jahr 2021	186,5	-	-	-	186,5
	Jahr 2020					

Publication according to section 28 para. 1 nos.7, 8, 9, 10 and 11 Pfandbrief Act and section 28 para. 2 no. 3 Pfandbrief Act

## Key figures about outstanding Pfandbriefe and Cover Pool

### Q2 2021

		Q2 2021	Q2 2020
<b>Mortgage Pfandbriefe</b>			
Outstanding Pfandbriefe	(€ mn.)	11.796,2	12.616,0
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	71,3	76,2
<b>Cover Pool</b>			
Cover Pool	(€ mn.)	15.453,6	15.642,4
thereof total amount of the claims which exceed the limits laid down in § 13 para. 1 section 28 para. 1 no. 7	(€ mn.)	-	-
thereof total amount of the claims which exceed the percentage threshold laid down in § 19 para 1 no. 2 section 28 para. 1 no. 8	(€ mn.)	-	-
thereof total amount of the claims which exceed the percentage threshold laid down in § 19 para 1 no. 3 section 28 para. 1 no. 8	(€ mn.)	-	-
thereof percentage share of fixed-rate cover assets section 28 para. 1 no. 9	%	79,2	78,2
Net present value pursuant to § 6 of the Pfandbrief Net Present Value Regulation for each foreign currency in Euro			
	CAD	149,1	72,0
	CHF	28,6	27,7
	CZK	-	-
section 28 para. 1 no. 10 (Net Total)	DKK	-	-
	GBP	1.056,1	533,1
	HKD	-	-
	JPY	0,5	0,7
	NOK	-	-
	SEK	-	-
	USD	801,1	949,4
	AUD	-	-
volume-weighted average of the maturity (that has passed since the loan was granted (seasoning) section 28 para. 1 no. 11)	years	5,8	5,5
average loan-to-value ratio, weighted using the mortgage lending value section 28 para. 2 no. 3	%	54,9	55,2
average loan-to-value ratio, weighted using the market value	%		-

		Q2 2021	Q2 2020
<b>Public Pfandbriefe</b>			
Outstanding Pfandbriefe	(€ mn.)	10.325,5	9.853,0
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	67,1	76,1
<b>Cover Pool</b>			
Cover Pool	(€ mn.)	12.040,5	12.919,4
thereof total amount of the claims which exceed the percentage threshold laid down in § 20 para 2 section 28 para. 1 no. 8	(€ mn.)	-	-
thereof percentage share of fixed-rate cover assets section 28 para. 1 no. 9	%	80,7	74,4
Net present value pursuant to § 6 of the Pfandbrief Net Present Value Regulation for each foreign currency in Euro			
	CAD	-	-
	CHF	1,4	22,3
	CZK	-	-
section 28 para. 1 no. 10 (Net Total)	DKK	-	-
	GBP	-	-
	HKD	-	-
	JPY	-	-
	NOK	-	-
	SEK	-	-
	USD	145,6	199,6
	AUD	-	-