

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

Pfandbriefe outstanding and their cover
Q2 2022

Outstanding total		nominal value		net present value		risk-adjusted net present value*	
		Q2 2022	Q2 2021	Q2 2022	Q2 2021	Q2 2022	Q2 2021
Mortgage Pfandbriefe	(€ mn.)	7.082,4	6.365,2	6.938,3	6.480,3	6.667,1	6.332,7
of which derivatives	(€ mn.)	-	-	-	-	-	-
Cover Pool	(€ mn.)	11.292,6	11.110,7	11.793,4	11.850,9	11.112,6	11.419,3
of which derivatives	(€ mn.)	-	-	-	-	-	-
Over Collateralization (OC)	(€ mn.)	4.210,2	4.745,5	4.855,1	5.370,6	4.445,5	5.086,6
OC in % of Pfandbriefe outstanding		59,4	74,6	70,0	82,9	66,7	80,3
Over-Collateralization in Consideration of vdp-Credit- Quality-Differentiation-Model	(€ mn.)	4.210,2	4.745,5	4.855,1	5.370,6		
OC in % of Pfandbriefe outstanding		59,4	74,6	70,0	82,9		

* The dynamic approach was used for calculating the risk-adjusted net present value according to section 5 para. 1 no. 2 of the Net Present Value Regulation (PfandBarwertV).

Outstanding total		nominal value		net present value		risk-adjusted net present value*	
		Q2 2022	Q2 2021	Q2 2022	Q2 2021	Q2 2022	Q2 2021
Public Pfandbriefe	(€ mn.)	17.133,2	18.998,4	17.101,9	20.752,0	15.207,0	19.804,4
of which derivatives	(€ mn.)	-	-	-	-	-	-
Cover Pool	(€ mn.)	24.154,1	22.635,4	24.046,4	25.912,6	20.151,4	23.757,9
of which derivatives	(€ mn.)	-	-	-	-	-	-
Over Collateralization (OC)	(€ mn.)	7.020,9	3.637,0	6.944,6	5.160,6	4.944,4	3.953,5
OC in % of Pfandbriefe outstanding		41,0	19,1	40,6	24,9	32,5	20,0
Over Collateralization in Consideration of vdp-Credit- Quality-Differentiation-Model	(€ mn.)	7.020,9	3.637,0	6.944,6	5.160,6		
OC in % of Pfandbriefe outstanding		41,0	19,1	40,6	24,9		

* The dynamic approach was used for calculating the risk-adjusted net present value according to section 5 para. 1 no. 2 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 2022**

Mortgage Pfandbriefe	Q2 2022		Q2 2021	
	Pfandbriefe outstanding € mn.	Cover pool € mn.	Pfandbriefe outstanding € mn.	Cover pool € mn.
Maturity:				
<= 0,5 years	1.350,0	2.346,3	516,4	912,1
> 0,5 years and <= 1 year	1.550,5	827,5	607,7	768,1
> 1 year and <= 1,5 years	510,0	914,4	1.350,0	923,0
> 1,5 years and <= 2 years	710,0	750,3	1.550,5	534,2
> 2 years and <= 3 years	1.445,1	1.636,3	10,0	1.736,2
> 3 years and <= 4 years	596,3	1.365,6	1.265,1	1.739,7
> 4 years and <= 5 years	25,0	1.029,0	145,0	1.378,8
> 5 years and <= 10 years	860,5	2.228,1	850,5	2.922,4
> 10 years	35,0	195,2	70,0	196,0

Public Pfandbriefe	Q2 2022		Q2 2021	
	Pfandbriefe outstanding € mn.	Cover pool € mn.	Pfandbriefe outstanding € mn.	Cover pool € mn.
Maturity:				
<= 0,5 years	1.790,9	2.138,0	2.216,2	2.030,6
> 0,5 years and <= 1 year	1.703,3	1.561,2	1.559,4	815,7
> 1 year and <= 1,5 years	1.145,3	1.154,2	1.790,9	927,6
> 1,5 years and <= 2 years	1.081,4	1.174,5	1.698,9	843,6
> 2 years and <= 3 years	2.769,1	2.136,1	2.126,1	2.083,8
> 3 years and <= 4 years	1.449,0	1.431,2	2.417,5	1.882,5
> 4 years and <= 5 years	861,4	1.581,2	1.444,0	1.247,2
> 5 years and <= 10 years	4.051,2	5.958,6	3.223,3	6.124,1
> 10 years	2.281,7	7.019,0	2.522,2	6.680,3

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 2022**

Cover Assets	Q2 2022 € mn.	Q2 2021 € mn.
up to 300,000 Euros	1,5	2,6
more than 300,000 Euros up to 1 mn. Euros	23,0	27,9
more than 1 mn. Euros up to 10 mn. Euros	1.369,2	1.488,6
more than 10 mn. Euros	9.057,9	9.232,6
Total	10.451,6	10.751,7

**Cover Assets used to secure public Pfandbriefe according to their amount in tranches
Q2 2022**

Cover Assets	Q2 2022 € mn.	Q2 2021 € mn.
up to 10 mn. Euros	3.670,3	3.553,4
more than 10 mn. Euros up to 100 mn. Euros	6.537,5	5.903,6
more than 100 mn. Euros	13.470,8	12.777,9
Total	23.678,6	22.234,9

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 2022

State	Q2	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
		Total		Residential						Commercial							
		C mn.	C mn.	thereof	Single-and two-family houses	Multiple-family houses	Buildings under construction	Building land	Total	thereof	Retail buildings	Industrial buildings	other commercially used buildings	Buildings under construction	Building land		
Total - all states	year 2022	10.451,6	1.452,9	4,8	-	1.414,5	0,2	33,4	8.998,7	4.200,5	2.029,4	108,0	2.408,5	248,1	4,1	-	-
	year 2021	10.751,7	1.466,8	4,9	-	1.423,3	22,2	16,5	9.284,9	4.297,6	2.337,2	84,4	2.343,9	213,4	8,4	-	-
Germany	year 2022	6.142,0	1.448,2	0,1	-	1.414,5	0,2	33,4	4.693,9	1.678,7	1.266,6	108,0	1.428,6	207,8	4,1	-	-
	year 2021	6.492,3	1.455,5	0,1	-	1.423,3	22,2	9,9	5.036,8	1.794,4	1.399,2	84,4	1.537,0	213,4	8,4	-	-
Austria	year 2022	70,8	-	-	-	-	-	-	70,8	19,0	37,3	-	14,5	-	-	-	-
	year 2021	62,2	-	-	-	-	-	-	62,2	19,0	35,3	-	8,0	-	-	-	-
Belgium	year 2022	140,8	-	-	-	-	-	-	140,8	133,9	7,0	-	-	-	-	-	-
	year 2021	171,1	6,6	-	-	-	-	6,6	164,5	157,5	7,0	-	-	-	-	-	-
Czech Republic	year 2022	159,4	-	-	-	-	-	-	159,4	124,1	35,3	-	-	-	-	-	-
	year 2021	144,1	-	-	-	-	-	-	144,1	108,5	35,6	-	-	-	-	-	-
France	year 2022	1.311,0	-	-	-	-	-	-	1.311,0	1.032,8	105,5	-	141,3	31,4	-	-	-
	year 2021	1.257,6	-	-	-	-	-	-	1.257,6	999,5	106,4	-	151,7	-	-	-	-
Great Britain	year 2022	134,2	-	-	-	-	-	-	134,2	65,7	68,5	-	-	-	-	-	-
	year 2021	342,1	-	-	-	-	-	-	342,1	166,0	176,1	-	-	-	-	-	-
Italy	year 2022	403,4	-	-	-	-	-	-	403,4	176,2	131,8	-	86,4	8,9	-	-	-
	year 2021	462,1	-	-	-	-	-	-	462,1	207,6	215,4	-	39,1	-	-	-	-
Luxembourg	year 2022	30,4	-	-	-	-	-	-	30,4	30,4	-	-	-	-	-	-	-
	year 2021	13,0	-	-	-	-	-	-	13,0	13,0	-	-	-	-	-	-	-
Netherlands	year 2022	651,7	4,8	4,8	-	-	-	-	646,9	478,0	24,6	-	144,4	-	-	-	-
	year 2021	756,1	4,8	4,8	-	-	-	-	751,3	524,7	24,6	-	202,1	-	-	-	-
Poland	year 2022	560,0	-	-	-	-	-	-	560,0	160,1	163,4	-	236,6	-	-	-	-
	year 2021	474,8	-	-	-	-	-	-	474,8	120,6	136,9	-	217,3	-	-	-	-
Slovakia	year 2022	2,4	-	-	-	-	-	-	2,4	-	2,4	-	-	-	-	-	-
	year 2021	2,8	-	-	-	-	-	-	2,8	-	2,8	-	-	-	-	-	-
Spain	year 2022	74,6	-	-	-	-	-	-	74,6	-	74,6	-	-	-	-	-	-
	year 2021	98,8	-	-	-	-	-	-	98,8	-	98,8	-	-	-	-	-	-
Switzerland	year 2022	21,9	-	-	-	-	-	-	21,9	-	21,9	-	-	-	-	-	-
	year 2021	19,9	-	-	-	-	-	-	19,9	-	19,9	-	-	-	-	-	-
USA	year 2022	749,0	-	-	-	-	-	-	749,0	301,6	90,7	-	356,8	-	-	-	-
	year 2021	454,8	-	-	-	-	-	-	454,8	186,7	79,2	-	188,8	-	-	-	-

Volume of claims used to cover Public Pfandbriefe

Q2 2022

Cover assets											
State	Q2	Total		thereof owed by				thereof granted by			
		€ mn.	in the total included claims which are granted for reasons of promoting exports € mn.	State	Regional authorities	Local authorities	Other debtors	State	Regional authorities	Local authorities	Other debtors
		€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.
Total - all states	year 2022	23.678,6	1.581,1	52,9	3.330,3	9.987,5	1.632,3	1.626,1	6.468,0	351,3	230,2
	year 2021	22.234,9	1.897,3	56,5	2.536,3	9.500,4	1.380,7	1.759,8	6.406,9	419,6	174,8
Germany	year 2022	22.265,2	1.049,6	52,9	3.312,8	9.344,8	1.555,4	1.049,6	6.368,0	351,3	230,2
	year 2021	20.813,1	1.271,6	56,5	2.476,3	8.885,0	1.300,1	1.271,6	6.260,1	388,8	174,8
Austria	year 2022	81,6	12,7	-	-	68,9	-	12,7	-	-	-
	year 2021	89,4	15,7	-	60,0	13,7	-	15,7	-	-	-
Belgium	year 2022	25,1	25,1	-	-	-	-	25,1	-	-	-
	year 2021	35,9	35,9	-	-	-	-	-	35,9	-	-
Denmark	year 2022	27,4	27,4	-	-	-	-	27,4	-	-	-
	year 2021	30,8	30,8	-	-	-	-	-	-	30,8	-
France	year 2022	175,1	175,1	-	-	-	-	175,1	-	-	-
	year 2021	223,6	223,6	-	-	-	-	223,6	-	-	-
Great Britain	year 2022	649,5	66,1	-	17,5	566,0	-	66,1	-	-	-
	year 2021	680,4	96,8	-	-	583,5	-	96,8	-	-	-
Hungary	year 2022	45,0	-	-	-	-	-	45,0	-	-	-
	year 2021	40,0	-	-	-	-	-	40,0	-	-	-
Netherlands	year 2022	35,4	35,4	-	-	-	-	35,4	-	-	-
	year 2021	17,9	17,9	-	-	-	-	17,9	-	-	-
Canada	year 2022	7,8	-	-	-	7,8	-	-	-	-	-
	year 2021	18,2	-	-	-	18,2	-	-	-	-	-
Switzerland	year 2022	204,0	104,0	-	-	-	-	104,0	100,0	-	-
	year 2021	110,9	110,9	-	-	-	-	-	110,9	-	-
USA	year 2022	85,6	85,6	-	-	-	-	85,6	-	-	-
	year 2021	94,2	94,2	-	-	-	-	94,2	-	-	-
EU institutions	year 2022	76,9	-	-	-	-	76,9	-	-	-	-
	year 2021	80,5	-	-	-	-	80,5	-	-	-	-

**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 2022**

		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 State	Regional authorities	Local authorities	Other debtors	Total	thereof State	Regional authorities	Local authorities	Other debtors
State	Q2	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.
Total - all states	year 2022	3,8	3,7	0,1	0,0	-	27,9	27,5	0,2	0,3	-
	year 2021	2,6	2,5	0,1	0,0	-	37,4	37,1	0,1	0,2	-
Germany	year 2022	0,1	-	0,1	0,0	-	0,4	-	0,2	0,3	-
	year 2021	2,4	2,3	0,1	0,0	-	34,2	33,9	0,1	0,2	-
Austria	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Belgium	year 2022	0,0	0,0	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Denmark	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
France	year 2022	3,7	3,7	-	-	-	27,5	27,5	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Great Britain	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Hungary	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Netherlands	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	0,2	0,2	-	-	-	3,2	3,2	-	-	-
Canada	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Switzerland	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
USA	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
EU institutions	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-

Further cover assets - in detail for Mortgage Pfandbriefe
Q2 2022

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.	
Total - all states	Jahr 2022	841,0	-	-	-	841,0
	Jahr 2021	359,0	-	-	-	359,0
Germany	Jahr 2022	797,0	-	-	-	797,0
	Jahr 2021	329,0	-	-	-	329,0
Luxembourg	Jahr 2022	9,0	-	-	-	9,0
	Jahr 2021					
Slovenia	Jahr 2022	5,0	-	-	-	5,0
	Jahr 2021					
EU institutions	Jahr 2022	30,0	-	-	-	30,0
	Jahr 2021	30,0	-	-	-	30,0

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

Further cover assets - in detail for Public Pfandbriefe
Q2 2022

Further cover assets for Public Pfandbriefe according to section 20 para. 2 nos. 1 and 2 Pfandbrief Act					
State	Q2	Total € mn.	thereof		
			equalization claims according to section 20 para. 2 no. 1 € mn.	claims according to section 20 para. 2 no. 2 overall € mn.	thereof Covered Bonds according to Article 129 Regulation (EU) Nr. 575/2013 € mn.
Total - all states	Jahr 2022	475,5	-	475,5	-
	Jahr 2021	400,5	-	400,5	-
Germany	Jahr 2022	475,5	-	475,5	-
	Jahr 2021	400,5	-	400,5	-

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 2022**

Mortgage Pfandbriefe		Q2 2022	Q2 2021
Outstanding Pfandbriefe	(€ mn.)	7.082,4	6.365,2
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	50,8	56,0
Cover Pool	(€ mn.)	11.292,6	11.110,7
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.)	0,0	0,0
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	%	71,2	70,9
Net present value pursuant to § 6 of the Pfandbrief Net Present Value Regulation for each foreign currency in Euro section 28 para. 1 no. 10 (Net Total)	CAD	-	-
	CHF	87,7	83,1
	CZK	-	-
	DKK	-	-
	GBP	145,4	351,8
	HKD	-	-
	JPY	-	-
	NOK	-	-
	SEK	-	-
	USD	773,7	474,5
AUD	-	-	
volume-weighted average of the maturity that has passed since the loan was granted (seasoning) section 28 para. 1 no. 11	years	4,6	4,0
average loan-to-value ratio, weighted using the mortgage lending value section 28 para. 2 no. 3	%	58,2	57,9
average loan-to-value ratio, weighted using the market value	%	-	-

Public Pfandbriefe

		Q2 2022	Q2 2021
Outstanding Pfandbriefe	(€ mn.)	17.133,2	18.998,4
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	91,1	87,5
Cover Pool	(€ mn.)	24.154,1	22.635,4
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	%	93,0	91,1
Net present value pursuant to § 6 of the Pfandbrief Net Present Value Regulation for each foreign currency in Euro	CAD	7,6	19,6
	CHF	-	3,5
	CZK	-	-
section 28 para. 1 no. 10 (Net Total)	DKK	-	-
	GBP	205,4	481,5
	HKD	-	-
	JPY	-	-
	NOK	-	-
	SEK	-	-
	USD	219,2	255,9
	AUD	-	-