

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
<b>Mortgage Pfandbriefe</b>	(€ mn.)	11,520.4	11,796.2	11,368.5	12,118.2	10,748.4	11,434.4
of which derivatives	(€ mn.)	-	-	-	-	-	-
Cover Pool	(€ mn.)	16,113.2	15,453.6	16,067.9	16,744.4	14,235.0	14,725.6
of which derivatives	(€ mn.)	-	-	-	-	-	-
Over Collateralization (OC)	(€ mn.)	4,592.8	3,657.3	4,699.4	4,626.2	3,486.7	3,291.1
OC in % of Pfandbriefe outstanding		39.9	31.0	41.3	38.2	32.4	28.8
Over-Collateralization in Consideration of vdp-Credit- Quality-Differentiation-Model	(€ mn.)	4,592.8	3,657.3	4,699.4	4,626.2		
OC in % of Pfandbriefe outstanding		39.9	31.0	41.3	38.2		

\* 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 2022	Q2 2021	Q2 2022	Q2 2021	Q2 2022	Q2 2021
<b>Public Pfandbriefe</b>	(€ mn.)	10,724.5	10,325.5	10,917.3	11,237.0	10,257.4	10,310.3
of which derivatives	(€ mn.)	-	-	-	-	-	-
Cover Pool	(€ mn.)	12,505.3	12,040.5	13,044.0	14,038.5	11,710.5	12,284.6
of which derivatives	(€ mn.)	-	-	-	-	-	-
Over Collateralization (OC)	(€ mn.)	1,780.8	1,715.0	2,126.7	2,801.5	1,453.1	1,974.3
OC in % of Pfandbriefe outstanding		16.6	16.6	19.5	24.9	14.2	19.1
Over Collateralization in Consideration of vdp-Credit- Quality-Differentiation-Model	(€ mn.)	1,780.8	1,715.0	2,126.7	2,801.5		
OC in % of Pfandbriefe outstanding		16.6	16.6	19.5	24.9		

\* 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).

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.
<b>Maturity:</b>				
<= 0,5 years	760.4	1,332.5	1,100.4	1,406.6
> 0,5 years and <= 1 year	1,046.3	779.6	1,232.5	1,157.4
> 1 year and <= 1,5 years	146.0	1,146.7	732.0	927.2
> 1,5 years and <= 2 years	1,721.7	693.4	1,046.2	531.6
> 2 years and <= 3 years	2,851.5	2,736.3	1,467.6	1,729.9
> 3 years and <= 4 years	1,024.1	2,268.7	2,128.9	1,965.4
> 4 years and <= 5 years	224.3	1,270.1	1,023.6	1,982.2
> 5 years and <= 10 years	3,439.0	4,526.2	2,658.3	4,622.0
> 10 years	307.1	1,359.7	406.6	1,131.3

Public Pfandbriefe	Q2 2022		Q2 2021	
	Pfandbriefe outstanding € mn.	Cover pool € mn.	Pfandbriefe outstanding € mn.	Cover pool € mn.
<b>Maturity:</b>				
<= 0,5 years	1,237.2	902.4	829.7	498.6
> 0,5 years and <= 1 year	591.9	711.5	307.9	830.3
> 1 year and <= 1,5 years	635.5	668.9	1,236.3	696.2
> 1,5 years and <= 2 years	577.1	561.7	591.9	387.3
> 2 years and <= 3 years	755.6	1,163.4	719.0	1,054.3
> 3 years and <= 4 years	2,014.4	1,169.5	555.6	945.6
> 4 years and <= 5 years	396.5	1,551.4	1,862.9	995.2
> 5 years and <= 10 years	3,202.3	3,374.9	3,098.0	4,145.7
> 10 years	1,313.9	2,401.5	1,124.1	2,487.3

### 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	2,676.9	2,789.9
more than 300,000 Euros up to 1 mn. Euros	1,044.5	848.4
more than 1 mn. Euros up to 10 mn. Euros	2,757.5	2,624.0
more than 10 mn. Euros	8,828.6	8,195.7
<b>Total</b>	<b>15,307.4</b>	<b>14,457.9</b>

### 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	2,929.6	2,960.0
more than 10 mn. Euros up to 100 mn. Euros	3,197.7	3,313.4
more than 100 mn. Euros	6,378.0	5,767.1
<b>Total</b>	<b>12,505.3</b>	<b>12,040.5</b>

**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**

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	€ mn.	Residential						Commercial						€ mn.	€ mn.		
			Total	thereof					Total	thereof								
				Apartments	Single-and two-family houses	Multiple-family houses	Buildings under construction	Building land		Office buildings	Retail buildings	Industrial buildings	other commercially used buildings	Buildings under construction				
<b>Total - all states</b>	year 2022	15,307.4	6,706.2	1,046.3	1,775.1	3,871.6	0.5	12.7	8,601.2	4,777.8	1,957.7	980.6	870.6	7.7	6.9	-	-	
	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	-	-	
<b>Germany</b>	year 2022	12,403.5	6,504.4	1,046.3	1,775.1	3,669.8	0.5	12.7	5,899.1	2,662.8	1,543.0	972.3	706.4	7.7	6.9	-	-	
	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	-	-	
<b>Belgium</b>	year 2022	19.8	-	-	-	-	-	-	19.8	19.8	-	-	-	-	-	-	-	
	year 2021	19.8	-	-	-	-	-	-	19.8	19.8	-	-	-	-	-	-	-	
<b>France</b>	year 2022	106.6	-	-	-	-	-	-	106.6	98.4	-	8.2	-	-	-	-	-	
	year 2021	124.0	-	-	-	-	-	-	124.0	124.0	-	-	-	-	-	-	-	
<b>Great Britain</b>	year 2022	965.3	-	-	-	-	-	-	965.3	864.4	6.6	-	94.2	-	-	-	-	
	year 2021	1,047.3	-	-	-	-	-	-	1,047.3	759.9	12.4	-	275.0	-	-	-	-	
<b>Netherlands</b>	year 2022	307.0	-	-	-	-	-	-	307.0	230.7	6.3	-	70.0	-	-	-	-	
	year 2021	301.2	-	-	-	-	-	-	301.2	224.9	-	-	76.3	-	-	-	-	
<b>Canada</b>	year 2022	181.4	-	-	-	-	-	-	181.4	117.9	63.5	-	-	-	-	-	-	
	year 2021	157.1	-	-	-	-	-	-	157.1	99.2	57.9	-	-	-	-	-	-	
<b>USA</b>	year 2022	1,323.9	201.8	-	-	201.8	-	-	1,122.0	783.7	338.3	-	-	-	-	-	-	
	year 2021	1,385.0	247.6	-	-	247.6	-	-	1,137.4	666.8	210.4	-	260.1	-	-	-	-	

**Volume of claims used to cover Public Pfandbriefe**  
**Q2 2022**

		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 2022	12,505.3	2,551.0	60.8	2,438.7	4,745.5	1,565.4	2,601.0	173.3	920.6	-
	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	-
<b>Germany</b>	year 2022	11,798.9	2,026.8	-	2,367.3	4,745.5	1,565.4	2,026.8	173.3	920.6	-
	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	-
<b>Croatia</b>	year 2022	20.0	-	20.0	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Austria</b>	year 2022	72.6	34.2	12.8	25.6	-	-	34.2	-	-	-
	year 2021	111.2	49.2	32.8	29.2	-	-	49.2	-	-	-
<b>Belgium</b>	year 2022	30.9	30.9	-	-	-	-	30.9	-	-	-
	year 2021	31.7	31.7	-	-	-	-	31.7	-	-	-
<b>Denmark</b>	year 2022	150.9	150.9	-	-	-	-	150.9	-	-	-
	year 2021	89.9	89.9	-	-	-	-	89.9	-	-	-
<b>France</b>	year 2022	38.6	38.6	-	-	-	-	38.6	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Italy</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	22.0	-	-	-	22.0	-	-	-	-	-
<b>Netherlands</b>	year 2022	36.8	36.8	-	-	-	-	36.8	-	-	-
	year 2021	29.2	29.2	-	-	-	-	29.2	-	-	-
<b>Poland</b>	year 2022	18.0	-	18.0	-	-	-	-	-	-	-
	year 2021	198.1	-	198.1	-	-	-	-	-	-	-
<b>Slovenia</b>	year 2022	10.0	-	10.0	-	-	-	-	-	-	-
	year 2021	20.0	-	20.0	-	-	-	-	-	-	-
<b>Spain</b>	year 2022	40.0	-	-	40.0	-	-	-	-	-	-
	year 2021	50.0	-	-	50.0	-	-	-	-	-	-
<b>Sweden</b>	year 2022	83.0	83.0	-	-	-	-	83.0	-	-	-
	year 2021	85.7	85.7	-	-	-	-	85.7	-	-	-
<b>Switzerland</b>	year 2022	149.8	149.8	-	-	-	-	149.8	-	-	-
	year 2021	52.1	52.1	-	-	-	-	52.1	-	-	-
<b>USA</b>	year 2022	5.8	-	-	5.8	-	-	-	-	-	-
	year 2021	9.5	-	-	9.5	-	-	-	-	-	-
<b>EU institutions</b>	year 2022	50.0	-	-	-	-	-	50.0	-	-	-
	year 2021	50.0	-	-	-	-	-	50.0	-	-	-

\* Claims against owner-operated municipal enterprises (Eigen- und Regiebetriebe) in the amount of EUR 2,107 million are liabilities of local authorities/municipalities. As of Q3 2021 they are shown under "Local authorities" instead of "Other debtors".

\*\* Agencies in the amount of EUR 728 million in 2022 and in the amount of EUR 728 million in 2021 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 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.
<b>Total - all states</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Germany</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Croatia</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Austria</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Belgium</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Denmark</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>France</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Italy</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Netherlands</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Poland</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Slovenia</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Spain</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Sweden</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>Switzerland</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>USA</b>	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
<b>EU institutions</b>	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	claims according to section 19 para. 1 no. 2		claims according to section 19 para. 1 no. 3 € mn.
			equalization claims according to section 19 para. 1 no. 1 € mn.	overall € mn.	thereof Covered Bonds according to Article 129 Regulation (EU) Nr. 575/2013 € mn.	
<b>Total - all states</b>	year 2022	805.7	-	166.0	166.0	639.7
	year 2021	995.6	-	-	-	995.6
<b>Germany</b>	year 2022	416.2	-	50.0	50.0	366.2
	year 2021	477.2	-	-	-	477.2
<b>Croatia</b>	year 2022	44.9	-	-	-	44.9
	year 2021					
<b>Austria</b>	year 2022	134.6	-	20.0	20.0	114.6
	year 2021					
<b>Belgium</b>	year 2022					
	year 2021	50.0	-	-	-	50.0
<b>Bulgaria</b>	year 2022					
	year 2021	129.9	-	-	-	129.9
<b>Italy</b>	year 2022	32.0	-	-	-	32.0
	year 2021	10.0	-	-	-	10.0
<b>Poland</b>	year 2022	45.0	-	-	-	45.0
	year 2021	105.0	-	-	-	105.0
<b>Slovenia</b>	year 2022					
	year 2021	10.0	-	-	-	10.0
<b>Spain</b>	year 2022	37.0	-	-	-	37.0
	year 2021	27.0	-	-	-	27.0
<b>Sweden</b>	year 2022	96.0	-	96.0	96.0	-
	year 2021					
<b>EU institutions</b>	year 2022					
	year 2021	186.5	-	-	-	186.5

**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					
		Total	thereof		
			equalization claims according to section 20 para. 2 no. 1	claims according to section 20 para. 2 no. 2 overall	thereof
					Covered Bonds according to Article 129 Regulation (EU) Nr. 575/2013
State	Q2	€ mn.	€ mn.	€ mn.	€ mn.
<b>Total - all states</b>	year 2022	-	-	-	-
	year 2022				
<b>Germany</b>	year 2022	-	-	-	-
	year 2022				



## Key figures about outstanding Pfandbriefe and Cover Pool

### Q2 2022

		Q2 2022	Q2 2021
<b>Mortgage Pfandbriefe</b>			
Outstanding Pfandbriefe	(€ mn.)	11,520.4	11,796.2
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	66.4	71.3
<b>Cover Pool</b>			
Cover Pool	(€ mn.)	16,113.2	15,453.6
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	%	80.4	79.2
Net present value pursuant to § 6 of the Pfandbrief Net Present Value Regulation for each foreign currency in Euro			
	CAD	158.9	149.1
	CHF	24.4	28.6
	CZK	-	-
section 28 para. 1 no. 10 (Net Total)	DKK	-	-
	GBP	920.2	1,056.1
	HKD	-	-
	JPY	0.5	0.5
	NOK	-	-
	SEK	-	-
	USD	695.7	801.1
	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	5.8
average loan-to-value ratio, weighted using the mortgage lending value section 28 para. 2 no. 3	%	55.3	54.9
average loan-to-value ratio, weighted using the market value	%	-	-

		Q2 2022	Q2 2021
<b>Public Pfandbriefe</b>			
Outstanding Pfandbriefe	(€ mn.)	10,724.5	10,325.5
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	56.7	67.1
<b>Cover Pool</b>			
Cover Pool	(€ mn.)	12,505.3	12,040.5
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	%	75.0	80.7
Net present value pursuant to § 6 of the Pfandbrief Net Present Value Regulation for each foreign currency in Euro			
	CAD	-	-
	CHF	7.3	1.4
	CZK	-	-
section 28 para. 1 no. 10 (Net Total)	DKK	-	-
	GBP	-	-
	HKD	-	-
	JPY	-	-
	NOK	-	-
	SEK	-	-
	USD	251.6	145.6
	AUD	-	-