

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.)	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
Public Pfandbriefe	(€ 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.
Maturity:				
<= 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.
Maturity:				
<= 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

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	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
Total	15,307.4	14,457.9

**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
Total	12,505.3	12,040.5

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 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	Residential							Commercial								
		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	Building land			
		€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.
Total - all states	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	-	-
Germany	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	-	-
Belgium	year 2022	19.8	-	-	-	-	-	-	19.8	19.8	-	-	-	-	-	-	-
	year 2021	19.8	-	-	-	-	-	-	19.8	19.8	-	-	-	-	-	-	-
France	year 2022	106.6	-	-	-	-	-	-	106.6	98.4	-	8.2	-	-	-	-	-
	year 2021	124.0	-	-	-	-	-	-	124.0	124.0	-	-	-	-	-	-	-
Great Britain	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	-	-	-	-
Netherlands	year 2022	307.0	-	-	-	-	-	-	307.0	230.7	6.3	-	70.0	-	-	-	-
	year 2021	301.2	-	-	-	-	-	-	301.2	224.9	-	-	76.3	-	-	-	-
Canada	year 2022	181.4	-	-	-	-	-	-	181.4	117.9	63.5	-	-	-	-	-	-
	year 2021	157.1	-	-	-	-	-	-	157.1	99.2	57.9	-	-	-	-	-	-
USA	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.
Total - all states	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	-
Germany	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	-
Croatia	year 2022	20.0	-	20.0	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Austria	year 2022	72.6	34.2	12.8	25.6	-	-	34.2	-	-	-
	year 2021	111.2	49.2	32.8	29.2	-	-	49.2	-	-	-
Belgium	year 2022	30.9	30.9	-	-	-	-	30.9	-	-	-
	year 2021	31.7	31.7	-	-	-	-	31.7	-	-	-
Denmark	year 2022	150.9	150.9	-	-	-	-	150.9	-	-	-
	year 2021	89.9	89.9	-	-	-	-	89.9	-	-	-
France	year 2022	38.6	38.6	-	-	-	-	38.6	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Italy	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	22.0	-	-	-	22.0	-	-	-	-	-
Netherlands	year 2022	36.8	36.8	-	-	-	-	36.8	-	-	-
	year 2021	29.2	29.2	-	-	-	-	29.2	-	-	-
Poland	year 2022	18.0	-	18.0	-	-	-	-	-	-	-
	year 2021	198.1	-	198.1	-	-	-	-	-	-	-
Slovenia	year 2022	10.0	-	10.0	-	-	-	-	-	-	-
	year 2021	20.0	-	20.0	-	-	-	-	-	-	-
Spain	year 2022	40.0	-	-	40.0	-	-	-	-	-	-
	year 2021	50.0	-	-	50.0	-	-	-	-	-	-
Sweden	year 2022	83.0	83.0	-	-	-	-	83.0	-	-	-
	year 2021	85.7	85.7	-	-	-	-	85.7	-	-	-
Switzerland	year 2022	149.8	149.8	-	-	-	-	149.8	-	-	-
	year 2021	52.1	52.1	-	-	-	-	52.1	-	-	-
USA	year 2022	5.8	-	-	5.8	-	-	-	-	-	-
	year 2021	9.5	-	-	9.5	-	-	-	-	-	-
EU institutions	year 2022	50.0	-	-	-	-	-	50.0	-	-	-
	year 2021	50.0	-	-	-	-	-	50.0	-	-	-

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

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		Covered Bonds according to Article 129 Regulation (EU) Nr. 575/2013 € mn.
			equalization claims according to section 20 para. 2 no. 1 € mn.	claims according to section 20 para. 2 no. 2 overall € mn.	
Total - all states	Jahr 2022	-	-	-	-
	Jahr 2021				
Germany	Jahr 2022	-	-	-	-
	Jahr 2021				

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.)	11,520.4	11,796.2
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	66.4	71.3
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 section 28 para. 1 no. 10 (Net Total)	CAD	158.9	149.1
	CHF	24.4	28.6
	CZK	-	-
	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	%	-	-

Public Pfandbriefe

		Q2 2022	Q2 2021
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
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 section 28 para. 1 no. 10 (Net Total)	CAD	-	-
	CHF	7.3	1.4
	CZK	-	-
	DKK	-	-
	GBP	-	-
	HKD	-	-
	JPY	-	-
	NOK	-	-
	SEK	-	-
	USD	251.6	145.6
AUD	-	-	