

M.M.Warburg & CO Hypothekenbank AG

Colonnaden 5 20354 Hamburg

Telefon: +49 40 355334 - 0
Telefax: +49 40 355334 - 19
E-Mail: info@warburghyp.de
Internet: www.warburghyp.de

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

Pfandbriefe outstanding and their cover Q2 2022

Outstanding total	_	nomina	l value	net prese	nt value	risk-adjusted ne	t present value*
		Q2 2022	Q2 2021	Q2 2022	Q2 2021	Q2 2022	Q2 2021
Mortgage Pfandbriefe of which derivatives	(€ mn.) (€ mn.)	1,070.7	1,108.2	1,023.2	1,166.3 -	968.9	1,222.4
Cover Pool of which derivatives	(€ mn.) (€ mn.)	1,280.3	1,258.7 -	1,263.7	1,349.6 -	1,204.9	1,405.3
Over Collateralization (OC) OC in % of Pfandbriefe outstanding	(€ mn.)	209.6 19.6	150.5 13.6	240.5 23.5	183.3 15.7	236.0 24.4	182.9 15.0
Over-Collateralization in Consideration of vdp-Credit-Quality-Differentiation-Model	(€ mn.)	209.6	150.6	240.5	183.3		
OC in % of Pfandbriefe outstanding		19.6	13.6	23.5	15.7		

^{*} 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	l value	net prese	nt value	risk-adjusted net present value*		
		Q2 2022	Q2 2021	Q2 2022	Q2 2021	Q2 2022	Q2 2021	
Public Pfandbriefe	(€ mn.)	5.0	11.2	5.0	11.3	5.0	11.2	
of which derivatives	(€ mn.)	-	-	-	-	-	-	
Cover Pool	(€ mn.)	13.9	14.0	13.9	14.1	13.8	14.0	
of which derivatives	(€ mn.)	-	-	-	-	-	-	
Over Collateralization (OC)	(€ mn.)	8.9	2.8	8.9	2.8	8.8	2.8	
OC in % of Pfandbriefe outstanding		178.0	25.0	178.0	24.8	176.0	25.0	
Over Collateralization in Consideration of vdp-Credit- Quality-Differentiation-Model	(€ mn.)	8.9	2.8	8.9	2.8			
OC in % of Pfandbriefe outstanding		178.0	25.0	178.0	24.8			

^{*} 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 202	22	Q2 20	21
Maturity:	Pfandbriefe outstanding € mn.	Cover pool € mn.	Pfandbriefe outstanding € mn.	Cover pool € mn.
<= 0,5 years	65.2	58.2	76.5	101.6
> 0,5 years and <= 1 year	31.0	125.6	78.0	40.7
> 1 year and <= 1,5 years	71.3	34.5	65.2	68.2
> 1,5 years and <= 2 years	85.6	61.6	31.0	114.0
> 2 years and <= 3 years	128.5	169.6	126.9	82.8
> 3 years and <= 4 years	113.0	241.6	115.0	167.1
> 4 years and <= 5 years	149.6	145.0	103.0	230.0
> 5 years and <= 10 years	401.5	439.5	457.6	449.8
> 10 years	25.0	4.7	55.0	4.5

Public Pfandbriefe	Q2 20	22	Q2 20	21
Maturity:	Pfandbriefe outstanding € mn.	Cover pool € mn.		Cover pool € mn.
<= 0,5 years	5.0	7.5	6.2	-
> 0,5 years and <= 1 year	-	5.0	-	0.1
> 1 year and <= 1,5 years	-	0.0	5.0	7.5
> 1,5 years and <= 2 years	-	0.0	-	5.0
> 2 years and <= 3 years	-	0.1	-	0.1
> 3 years and <= 4 years	-	0.1	-	0.1
> 4 years and <= 5 years	-	1.1	-	0.1
> 5 years and <= 10 years	-	-	+	1.1
> 10 years	-	_	-	_

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	2.7	3.3
more than 300,000 Euros up to 1 mn. Euros	39.4	42.9
more than 1 mn. Euros up to 10 mn. Euros	630.1	666.1
more than 10 mn. Euros	545.1	483.4
Total	1,217.3	1,195.7

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	13.9	14.0
more than 10 mn. Euros up to 100 mn. Euros	-	-
more than 100 mn. Euros	-	<u>-</u>
Total	13.9	14.0

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	Total amount of these			
		Total	thereof								of payments	claims inasmuch as					
			Residential						Commercial								the respective amount in arrears is at least
			Total	thereof					Total	thereof							5 percent of the claim
				Apartments		Multiple- family houses		Building land		Office buildings	Retail buildings	Industrial buildings	other commercially used buildings	under	Building land		
State	Q2	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.
Total - all states	year 2022	1,217.3	223.9	6.6	12.7	204.6	-	-	993.4	715.0	226.9	-	51.5	-	-	-	-
	year 2021	1,195.7	238.2	7.2	23.8	207.2	-	-	957.5	637.1	258.1	-	60.7	-	1.6	-	-
Germany	year 2022	1,139.6	223.9	6.6	12.7	204.6	-	-	915.7	694.9	169.3	-	51.5	-	-	-	-
	year 2021	1,101.7	238.2	7.2	23.8	207.2	-	-	863.5	610.9	190.3	-	60.7	-	1.6	-	-
Austria	year 2022	77.7	-	-	-	-	-	-	77.7	20.1	57.6	-	-	-	-	-	-
	year 2021	94.0	-	-	-	-	-	-	94.0	26.2	67.8	-	-	-	-	-	-

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

Volume of claims used to cover Public Pfandbriefe

Q2 2022

		Cover assets	assets									
		Total			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	13.9	-	-	12.5	1.4	-	-	-	-	-	
	year 2021	14.0	-	-	12.5	1.5	-	-	-	-	-	
Germany	year 2022	13.9	-	-	12.5	1.4	-	-	-	-	-	
	year 2021	14.0	-	-	12.5	1.5	-	-	-	-	-	

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

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 clai	ms 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				Total	thereof			
			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	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-
Germany	year 2022	-	-	-	-	-	-	-	-	-	-
	year 2021	-	-	-	-	-	-	-	-	-	-

Further cover assets - in detail for Mortgage Pfandbriefe

Q2 2022

		Further cover assets for M	urther cover assets for Mortgage Pfandbriefe according to section 19 para. 1 nos. 1, 2 and 3 Pfandbr									
		Total	thereof									
				claims according to section 19 para. 1 no.	claims according to section 19 para. 1 no. 2							
			Section 15 para. 1 no. 1	overall	thereof							
					Covered Bonds according to Article 129 Regulation (EU) Nr. 575/2013							
State	Q2	€ mn.	€ mn.	€ mn.	€ mn.	€ mn.						
Total - all states	Jahr 2022	63.0	-	63.0	-	-						
	Jahr 2021	63.0	-	63.0	-	-						
Germany	Jahr 2022	63.0	-	63.0	-	-						
	Jahr 2021	63.0	-	63.0	-	-						

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 1,108.2 Outstanding Pfandbriefe (€ mn.) 1,070.7 thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9 % 99.1 98.2 Cover Pool (€ mn.) 1,280.3 1,258.7 thereof total amount of the claims which exceed the limits laid down in $\S~13$ 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 (€ mn.) section 28 para. 1 no. 8 thereof total amount of the claims which exceed the percentage threshold laid down in § 19 para 1 no. 3 (€ mn.) section 28 para. 1 no. 8 thereof percentage share of fixed-rate cover assets section 28 para. 1 no. 9 95.7 % 96.2 Net present value pursuant to CAD § 6 of the Pfandbrief Net Present Value Regulation CHF for each foreign currency in Euro CZK section 28 para. 1 no. 10 (Net Total) DKK GBP _ HKD JPY NOK SEK USD AUD volume-weighted average of the maturity that has passed since the loan was granted (seasoning) years 5.8 5.8 section 28 para. 1 no. 11 average loan-to-value ratio, weighted using the mortgage lending % value 56.4 56.6 section 28 para. 2 no. 3 % average loan-to-value ratio, weighted using the market value

Pu					

		Q2 2022	Q2 2021
Outstanding Pfandbriefe	(€ mn.)	5.0	11.2
thereof percentage share of fixed-rate Pfandbriefe section 28 para. 1 no. 9	%	100.0	100.0
Cover Pool	(€ mn.)	13.9	14.0
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	%	10.1	10.6
Net present value pursuant to	CAD	-	-
§ 6 of the Pfandbrief Net Present Value Regulation for each foreign currency in Euro	CHF	-	-
	CZK	-	-
section 28 para. 1 no. 10 (Net Total)	DKK	-	-
	GBP	-	-
	HKD	-	-
	JPY	-	-
	NOK	-	-
	SEK	-	-
	USD	-	-
	AUD	-	-