

I. Debt securities issued by residents

6a) Amounts outstanding, by category of securities

€ million, nominal value

End of year or month	Bank debt securities							Corporate bonds (non-MFIs) ¹	Public debt securities
	Total	Total	Mortgage Pfandbriefe	Public Pfandbriefe	Debt securities issued by special purpose credit institutions	Other bank debt securities			
2006	3,044,145	1,809,899	144,397	499,525	368,476	797,502	99,545	1,134,701	
2007	3,130,723	1,868,066	133,501	452,896	411,041	870,629	95,863	1,166,794	
2008	3,250,195	1,876,583	150,302	377,091	490,641	858,550	178,515	1,195,097	
2009	3,326,635	1,801,029	151,160	296,445	516,221	837,203	227,024	1,298,581	
2010	3,348,201	² 1,570,490	147,529	232,954	544,517	645,491	² 250,774	1,526,937	
2011	3,370,721	1,515,911	149,185	188,663	577,423	600,640	247,585	1,607,226	
2012	3,285,422	² 1,414,349	145,007	147,070	574,163	² 548,109	² 220,456	² 1,650,617	
2013	3,145,329	1,288,340	127,641	109,290	570,136	481,273	221,851	1,635,138	
2014	3,111,308	1,231,445	121,328	85,434	569,409	455,274	232,342	1,647,520	
2015	3,046,162	1,154,173	130,598	75,679	566,811	381,085	257,612	1,634,377	
2016	² 3,068,111	1,164,965	132,775	62,701	633,578	335,910	275,789	1,627,358	
2017	² 3,090,708	1,170,920	141,273	58,004	651,211	320,432	³ 302,543	1,617,244	
2018	³ 3,091,303	² 1,194,160	161,088	51,439	670,062	² 311,572	^{2,3} 313,527	1,583,616	
2019	³ 3,149,373	1,222,911	174,188	47,712	696,325	304,686	³ 342,325	1,584,136	
2020	³ 3,545,200	³ 1,174,817	183,980	55,959	687,710	³ 247,169	³ 379,342	1,991,040	
2021	3,781,975	1,250,777	202,385	63,496	731,068	253,828	414,791	2,116,406	
2022	3,930,390	1,302,028	225,854	54,199	761,047	260,928	441,234	2,187,127	
2023	4,131,592	1,384,958	237,099	54,312	806,808	286,739	441,742	2,304,892	
2021 Feb.	3,591,202	1,184,802	184,628	54,839	694,734	250,601	385,213	2,021,187	
Mar.	3,658,337	1,231,724	195,551	63,631	719,384	253,158	388,639	2,037,973	
Apr.	3,655,028	1,220,947	196,485	64,557	707,485	252,422	392,638	2,041,443	
May	3,681,276	1,214,146	197,569	63,644	701,784	251,149	399,769	2,067,361	
June	3,703,083	1,223,730	198,440	64,282	706,495	254,515	402,172	2,077,180	
July	3,695,344	1,217,775	198,447	63,952	700,945	254,431	401,252	2,076,317	
Aug.	3,724,454	1,225,254	197,375	63,869	708,826	255,184	402,609	2,096,591	
Sep.	3,749,036	1,242,232	199,933	63,941	725,268	253,090	413,416	2,093,388	
Oct.	3,761,389	1,250,677	202,470	63,409	730,167	254,631	413,813	2,096,898	
Nov.	3,805,409	1,262,369	200,532	63,672	741,009	257,157	420,551	2,122,489	
Dec.	3,781,975	1,250,777	202,385	63,496	731,068	253,828	414,791	2,116,406	
2022 Jan.	3,794,503	1,267,762	209,367	63,110	739,737	255,548	420,868	2,105,873	
Feb.	3,806,369	1,277,560	212,228	63,984	746,531	254,817	416,767	2,112,042	
Mar.	3,851,741	1,302,963	213,413	64,234	769,133	256,183	424,622	2,124,156	
Apr.	3,852,799	1,311,863	214,466	63,960	776,664	256,773	424,076	2,116,860	
May	3,870,240	1,309,630	214,981	65,720	773,798	255,131	427,180	2,133,430	
June	3,888,933	1,319,854	216,989	65,910	781,469	255,486	427,460	2,141,620	
July	3,884,902	1,318,884	218,402	61,866	781,839	256,776	439,064	2,126,954	
Aug.	3,902,580	1,323,750	222,515	60,585	785,306	255,344	439,457	2,139,374	
Sep.	3,913,133	1,357,666	228,228	60,631	808,553	260,254	443,512	2,111,954	
Oct.	3,954,338	1,345,723	231,901	58,854	796,028	258,940	438,743	2,169,872	
Nov.	3,981,275	1,333,432	229,589	57,912	784,494	261,438	444,010	2,203,833	
Dec.	3,930,390	1,302,028	225,854	54,199	761,047	260,928	441,234	2,187,127	
2023 Jan.	3,948,426	1,313,581	232,105	52,647	763,260	265,568	444,529	2,190,316	
Feb.	3,963,852	1,320,844	229,851	54,180	764,148	272,666	442,389	2,200,618	
Mar.	4,005,403	1,335,447	227,451	52,890	777,696	277,410	440,399	2,229,557	
Apr.	3,977,194	1,330,812	228,764	52,910	772,714	276,424	436,591	2,209,790	
May	4,027,974	1,364,889	230,966	53,237	799,875	280,811	439,299	2,223,786	
June	4,052,214	1,354,415	230,474	53,223	788,438	282,281	446,780	2,251,019	
July	4,077,718	1,354,010	231,454	53,389	786,384	282,783	446,064	2,277,644	
Aug.	4,095,643	1,365,614	234,566	53,961	795,808	281,279	444,711	2,285,319	
Sep.	4,117,795	1,365,365	234,599	53,128	796,782	280,856	453,037	2,299,393	
Oct.	4,110,219	1,362,975	231,537	52,084	794,730	284,623	450,654	2,296,591	
Nov.	4,139,444	1,373,679	236,596	53,034	798,461	285,588	446,199	2,319,566	
Dec.	4,131,592	1,384,958	237,099	54,312	806,808	286,739	441,742	2,304,892	
2024 Jan.	4,140,092	1,394,649	236,671	55,735	808,508	293,736	446,559	2,298,884	
Feb.	4,152,812	1,401,409	237,658	57,450	807,692	298,609	444,310	2,307,093	
Mar.	4,173,121	1,415,363	239,096	56,960	816,963	302,344	448,012	2,309,746	
Apr.	4,169,790	1,408,556	242,090	55,474	805,788	305,203	453,941	2,307,292	
May	4,175,267	1,409,122	239,361	55,574	807,179	307,007	457,302	2,308,844	
June	4,198,060	1,423,493	239,081	55,370	820,249	308,793	460,082	2,314,485	
July	4,193,225	1,403,611	237,606	55,897	798,532	311,576	455,405	2,334,209	
Aug.	4,195,648	1,403,950	239,400	55,662	796,741	312,147	457,309	2,334,389	
Sep.	4,204,230	1,407,618	233,380	56,090	807,073	311,075	459,445	2,337,167	
Oct.	4,228,543	1,419,419	235,844	56,013	808,315	319,246	462,967	2,346,158	

¹ Including cross-border financing within groups from January 2011. ² Sectoral reclassification of debt securities. ³ Adjustments due to the change in the country of residence of the issuers or debt securities.

I. Debt securities issued by residents

6b) Amounts outstanding of zero coupon bonds, floating rate notes and bonds not denominated in Euro

€ million, nominal value

End of year or month	Euro bonds									Non-Euro-Bonds
	Zero coupon bonds				Floating rate notes					
	Total	Bank debt securities	Corporate bonds (non-MFIs)	Public debt securities	Total	Bank debt securities	Corporate bonds (non-MFIs)	Public debt securities		
2006	187,729	128,459	20,444	38,825	488,686	411,956	28,133	48,597	361,344	
2007	226,416	170,893	16,757	38,766	484,329	404,803	30,560	48,966	380,121	
2008	246,690	179,034	22,621	45,036	574,179	410,122	99,163	64,894	378,546	
2009	302,268	176,716	18,088	107,464	645,994	444,927	118,832	82,235	379,064	
2010	268,101	152,764	26,037	89,300	679,235	331,073	119,744	228,419	392,170	
2011	251,335	142,379	32,430	76,526	716,501	334,971	106,747	274,784	419,912	
2012	205,812	110,449	23,697	71,665	669,758	344,052	71,510	254,196	443,909	
2013	174,283	91,300	22,150	60,833	579,397	301,719	61,344	216,334	425,333	
2014	148,322	84,375	24,787	39,159	555,350	280,544	62,026	212,780	447,859	
2015	168,412	109,677	32,214	26,522	440,132	167,284	68,299	204,549	475,165	
2016	172,467	113,005	27,264	32,197	397,673	150,910	70,004	176,759	508,569	
2017	132,691	96,364	22,657	13,669	371,779	136,132	72,574	163,074	519,046	
2018	140,929	93,576	24,079	23,274	322,105	127,350	49,140	145,614	488,621	
2019	121,604	77,273	23,855	20,476	305,148	111,316	55,531	138,302	484,112	
2020	150,850	15,495	13,934	121,421	291,738	112,438	60,876	118,424	443,851	
2021	191,993	16,961	17,728	157,305	304,336	134,425	59,609	110,302	448,563	
2022	180,516	22,797	16,775	140,944	297,491	128,786	57,663	111,041	402,381	
2023	197,901	38,479	10,075	149,347	281,534	122,043	57,836	101,656	386,455	
2021 Feb.	165,043	14,920	14,824	135,300	288,898	112,573	60,483	115,842	448,949	
Mar.	168,659	13,301	13,620	141,738	302,967	126,748	60,397	115,823	472,158	
Apr.	173,851	14,628	15,649	143,574	301,895	127,574	59,286	115,035	450,894	
May	179,072	15,076	17,536	146,460	299,792	127,475	58,174	114,143	440,056	
June	178,058	17,194	16,054	144,811	301,175	130,329	56,996	113,850	447,139	
July	179,356	17,640	16,843	144,873	299,992	130,309	55,544	114,140	442,349	
Aug.	188,257	22,938	17,645	147,675	299,204	129,432	55,827	113,946	442,285	
Sep.	189,403	19,152	17,781	152,469	302,882	130,336	58,533	114,013	451,557	
Oct.	192,354	19,425	19,038	153,890	302,314	130,034	59,052	113,229	445,495	
Nov.	197,499	22,255	18,776	156,467	305,098	132,314	59,190	113,595	454,945	
Dec.	191,993	16,961	17,728	157,305	304,336	134,425	59,609	110,302	448,563	
2022 Jan.	190,652	15,325	20,297	155,030	305,404	135,039	59,100	111,266	452,225	
Feb.	179,575	15,973	19,835	143,767	305,006	135,624	57,908	111,475	445,881	
Mar.	184,856	16,300	20,908	147,649	306,970	137,245	59,203	110,523	450,102	
Apr.	183,718	16,756	21,458	145,504	305,503	134,947	59,091	111,465	461,055	
May	181,650	15,790	22,563	143,297	303,215	134,242	56,676	112,298	451,391	
June	179,465	16,451	21,253	141,761	308,401	137,579	57,894	112,927	463,603	
July	183,451	22,431	19,751	141,268	309,353	139,439	58,071	111,844	453,817	
Aug.	187,865	26,821	19,014	142,030	307,722	138,439	58,053	111,229	443,281	
Sep.	188,810	31,322	18,308	139,179	310,284	140,647	59,223	110,414	453,125	
Oct.	182,255	27,136	16,991	138,128	306,830	138,628	57,755	110,447	432,546	
Nov.	193,752	27,176	15,868	150,707	303,074	134,722	57,728	110,625	420,141	
Dec.	180,516	22,797	16,775	140,944	297,491	128,786	57,663	111,041	402,381	
2023 Jan.	173,771	25,910	18,121	129,740	292,575	124,904	57,786	109,884	397,074	
Feb.	166,530	24,930	16,293	125,308	293,711	125,327	57,677	110,707	389,667	
Mar.	181,288	32,805	15,831	132,653	292,219	123,338	57,822	111,059	390,269	
Apr.	185,857	36,298	14,683	134,876	275,409	122,387	57,631	95,392	364,601	
May	188,187	38,180	15,302	134,705	275,220	121,746	58,276	95,197	384,223	
June	197,274	37,541	14,386	145,348	274,984	119,471	59,706	95,806	380,837	
July	201,919	36,222	14,692	151,005	275,140	118,855	59,446	96,839	377,082	
Aug.	212,675	43,978	14,391	154,306	274,162	118,419	58,832	96,911	376,981	
Sep.	205,719	34,307	14,582	156,829	275,849	118,606	59,412	97,831	388,947	
Oct.	201,846	33,607	14,507	153,732	271,912	115,309	58,421	98,182	378,933	
Nov.	204,067	35,487	12,543	156,037	276,798	120,060	57,824	98,915	382,162	
Dec.	197,901	38,479	10,075	149,347	281,534	122,043	57,836	101,656	386,455	
2024 Jan.	186,181	37,467	9,056	139,658	284,742	125,270	59,393	100,079	383,044	
Feb.	176,051	35,114	8,735	132,202	286,655	127,911	58,439	100,305	382,049	
Mar.	177,081	41,779	8,780	126,522	288,905	129,509	58,144	101,253	384,103	
Apr.	166,961	35,285	10,363	121,314	290,200	130,791	58,080	101,329	377,555	
May	162,898	33,659	12,332	116,907	291,290	130,356	59,476	101,458	374,714	
June	161,586	36,119	12,740	112,727	293,114	130,956	59,996	102,162	393,039	
July	159,850	34,116	13,066	112,667	293,375	131,719	59,207	102,449	372,372	
Aug.	159,908	35,437	13,492	110,978	294,946	132,853	60,043	102,051	368,968	
Sep.	157,799	39,300	11,037	107,462	292,867	129,446	60,284	103,137	374,810	
Oct.	159,174	37,892	10,464	110,819	291,847	130,561	60,093	101,193	386,367	

I. Debt securities issued by residents

6c) Amounts outstanding, by category of securities and interest rate

€ million, nominal value

End of October 2024

Nominal interest rate or average nominal interest rate in %	Total	Bank debt securities					Corporate bonds (non-MFIs)	Public debt securities
		Total	Mortgage Pfandbriefe	Public Pfandbriefe	Debt securities issued by special purpose credit institutions	Other bank debt securities		
Total amounts outstanding	4,228,543	1,419,419	235,844	56,013	808,315	319,246	462,967	2,346,158
Broken down	3,391,155	916,087	201,283	47,625	494,025	173,154	359,596	2,115,472
in %								
less than 1/2	1,137,669	305,064	62,250	9,271	199,702	33,841	37,897	794,707
1/2 and more but less than 1	401,741	156,263	41,088	13,162	78,940	23,072	47,835	197,643
1 and more but less than 1 1/2	302,786	76,127	11,631	1,859	44,466	18,170	53,451	173,208
1 1/2 and more but less than 2	179,890	22,478	6,262	412	6,309	9,496	60,523	96,888
2 and more but less than 2 1/2	318,979	41,143	8,415	3,351	21,931	7,445	18,701	259,134
2 1/2 and more but less than 3	474,631	136,826	23,162	8,652	87,101	17,911	15,724	322,081
3 and more but less than 3 1/2	231,013	118,491	43,832	9,066	39,009	26,584	21,320	91,202
3 1/2 and more but less than 4	65,218	25,120	4,566	1,715	8,026	10,812	37,895	2,203
4 and more but less than 4 1/2	93,722	19,955	77	123	6,359	13,397	24,825	48,943
4 1/2 and more but less than 5	78,964	7,432	–	–	1,249	6,183	10,698	60,834
5 and more but less than 5 1/2	8,262	2,078	–	–	313	1,765	6,001	183
5 1/2 and more but less than 6	47,643	1,817	–	13	126	1,678	4,771	41,055
6 and more but less than 6 1/2	18,504	1,240	–	–	104	1,137	4,803	12,461
6 1/2 and more but less than 7	18,145	458	0	–	142	316	3,315	14,373
7 and more but less than 7 1/2	2,501	570	–	–	37	533	1,823	108
7 1/2 and more but less than 8	3,821	165	–	–	25	141	3,207	448
8 and more but less than 8 1/2	922	163	–	–	28	135	759	–
8 1/2 and more but less than 9	1,199	271	–	–	21	250	928	–
9 and more	5,546	426	–	–	138	289	5,119	–
Not broken down	837,388	503,332	34,561	8,388	314,290	146,093	103,371	230,686
of which								
Zero coupon bonds	159,174	37,892	49	61	19,104	18,678	10,464	110,819
Floating rate notes	291,847	130,561	24,325	6,231	27,021	72,984	60,093	101,193
Non-Euro-Bonds	386,367	334,879	10,187	2,096	268,165	54,431	32,815	18,674

I. Debt securities issued by residents

6d) Amounts outstanding, by category of securities and year of maturity

€ million, nominal value

End of October 2024

Year of maturity ¹	Total	Bank debt securities					Corporate bonds (non-MFIs)	Public debt securities
		Total	Mortgage Pfandbriefe	Public Pfandbriefe	Debt securities issued by special purpose credit institutions	Other bank debt securities		
2022 and before	4	4	4	4	4	4	4	4
2023	439	–	–	–	–	–	439	–
2024	146,249	81,171	2,834	1,274	58,976	18,087	13,184	51,895
2025	638,980	263,515	30,722	7,502	159,105	66,186	42,033	333,433
2026	487,400	203,132	42,289	7,604	105,235	48,004	39,327	244,941
2027	439,838	193,960	36,102	9,857	110,852	37,148	43,526	202,353
2028	408,097	158,864	30,562	6,694	89,179	32,430	42,391	206,842
2029	330,242	122,326	23,964	5,364	71,059	21,938	38,032	169,884
2030	276,148	80,190	16,837	2,630	42,903	17,820	32,676	163,282
2031	216,102	70,768	13,274	2,418	39,931	15,145	27,176	118,159
2032 onwards	1,285,043	245,489	39,259	12,669	131,076	62,484	184,184	855,370

¹ In the case of debt securities not falling due en bloc, on the basis of the latest repayment date. Separately agreed reductions in maturity have been disregarded.

I. Debt securities issued by residents

6e) Amounts outstanding, by category of securities and maturity

€ million, nominal value

End of October 2024

Maturity, in years	Total	Bank debt securities					Corporate bonds (non-MFIs)	Public debt securities
		Total	Mortgage Pfandbriefe	Public Pfandbriefe	Debt securities issued by special purpose credit institutions	Other Bank debt securities		
All debt securities, by maximum maturity as per terms of issue ¹								
up to and including 1	235,394	108,374	31	–	78,127	30,216	10,241	116,778
more than 1 but less than 2	16,515	15,097	1,095	159	9,312	4,531	685	733
2 and more but less than 3	250,345	83,319	10,844	3,609	45,246	23,621	6,172	160,854
3 and more but less than 4	136,980	111,158	22,259	6,472	63,454	18,972	13,567	12,255
4 exactly	35,792	23,537	7,473	500	6,768	8,796	8,418	3,836
up to and including 4, total	675,025	341,486	41,702	10,740	202,909	86,136	39,082	294,456
more than 4 but less than 5	65,893	50,732	13,655	2,851	25,724	8,503	8,455	6,705
5 and more but less than 6	582,017	200,453	30,043	5,379	128,192	36,838	57,059	324,505
6 and more but less than 7	109,731	63,160	11,822	2,626	27,871	20,842	28,674	17,897
7 and more but less than 8	369,301	171,814	35,257	1,855	106,033	28,669	50,723	146,764
8 and more but less than 9	118,787	66,558	18,223	2,791	30,615	14,929	32,488	19,742
9 and more but less than 10	120,904	80,003	17,268	5,055	49,692	7,987	14,280	26,622
10 and more but less than 15	1,208,160	309,473	56,497	19,224	164,175	69,578	91,728	806,958
15 and more but less than 20	213,518	47,200	8,149	3,936	25,534	9,583	19,937	146,381
20 and more but less than 25	81,016	30,986	2,054	1,257	24,414	3,261	22,107	27,922
25 and more but less than 30	26,717	7,328	503	114	5,613	1,098	5,585	13,804
30 and more but less than 35	535,057	24,578	514	105	12,767	11,192	21,655	488,823
35 and more but less than 40	6,645	1,753	71	20	903	760	3,203	1,689
40 and more but less than 45	5,381	1,341	87	60	438	756	259	3,781
45 and more but less than 50	17,033	7	0	–	–	7	17,007	20
50 and more but less than 55	6,396	93	0	–	93	–	–	6,303
55 and more	86,962	22,453	0	0	3,345	19,108	50,724	13,785
more than 4, total	3,553,518	1,077,933	194,142	45,273	605,407	233,111	423,884	2,051,701
total	4,228,543	1,419,419	235,844	56,013	808,315	319,246	462,967	2,346,158
All debt securities, by residual maturity								
up to and including 1	731,571	316,179	29,481	7,808	203,856	75,035	50,388	365,004
more than 1 but less than 2	507,755	208,795	41,762	7,217	109,612	50,204	41,741	257,220
2 and more but less than 3	418,248	193,380	38,010	10,378	106,981	38,011	39,100	185,768
3 and more but less than 4	401,669	157,318	30,470	6,758	86,085	34,006	43,816	200,534
4 exactly	2,445	1,221	250	500	209	261	190	1,034
up to and including 4, total	2,061,687	876,893	139,972	32,661	506,743	197,517	175,235	1,009,559
more than 4 but less than 5	333,238	123,246	23,863	2,728	72,664	23,991	39,016	170,975
5 and more but less than 6	290,881	95,616	18,609	5,537	56,059	15,411	33,841	161,424
6 and more but less than 7	249,854	73,054	13,005	1,702	40,154	18,192	27,971	148,829
7 and more but less than 8	154,606	58,326	10,188	2,231	34,978	10,928	19,619	76,661
8 and more but less than 9	170,357	44,734	8,133	4,142	23,549	8,910	14,481	111,142
9 and more but less than 10	169,749	46,545	11,901	3,449	22,509	8,685	11,461	111,743
10 and more but less than 15	241,883	55,457	8,075	3,354	35,094	8,933	27,858	158,568
15 and more but less than 20	128,582	11,402	1,288	81	7,676	2,357	16,822	100,357
20 and more but less than 25	118,106	3,135	429	18	1,979	709	14,019	100,952
25 and more	309,601	31,011	380	109	6,911	23,611	82,644	195,947
more than 4, total	2,166,857	542,526	95,872	23,353	301,572	121,729	287,732	1,336,598
total	4,228,543	1,419,419	235,844	56,013	808,315	319,246	462,967	2,346,158

¹ Separately agreed reductions in maturity have been disregarded.

I. Debt securities issued by residents

6e) Amounts outstanding, by category of securities and maturity

€ million, nominal value

End of October 2024

Maturity, in years	Total	Bank debt securities					Corporate bonds (non-MFIs)	Public debt securities
		Total	Mortgage Pfandbriefe	Public Pfandbriefe	Debt securities issued by special purpose credit institutions	Other Bank debt securities		
Debt securities falling due en bloc, by residual maturity								
up to and including 1	727,112	312,801	29,450	7,808	202,944	72,599	49,308	365,004
more than 1 but less than 2	501,907	204,743	38,716	7,212	109,436	49,378	39,989	257,174
2 and more but less than 3	413,179	189,303	36,793	9,375	106,958	36,177	38,108	185,768
3 and more but less than 4	393,100	153,688	28,687	6,256	86,038	32,707	38,877	200,534
4 exactly	2,444	1,221	250	500	209	261	190	1,034
up to and including 4, total	2,037,742	861,755	133,896	31,151	505,587	191,122	166,473	1,009,514
more than 4 but less than 5	331,324	122,378	23,358	2,728	72,601	23,690	37,970	170,975
5 and more but less than 6	289,383	94,662	18,609	5,025	55,753	15,275	33,296	161,424
6 and more but less than 7	247,930	71,618	11,734	1,702	40,126	18,056	27,482	148,829
7 and more but less than 8	152,254	56,718	10,183	1,008	34,859	10,669	18,875	76,661
8 and more but less than 9	166,210	41,209	6,619	2,632	23,340	8,619	13,859	111,142
9 and more but less than 10	169,140	45,938	11,899	3,449	22,430	8,160	11,458	111,743
10 and more but less than 15	236,100	53,842	6,549	3,354	35,070	8,869	23,690	158,568
15 and more but less than 20	126,430	10,537	1,276	81	6,935	2,245	15,587	100,306
20 and more but less than 25	109,993	2,803	429	18	1,647	709	7,760	99,430
25 and more but less than 30	192,777	5,708	222	29	3,205	2,253	14,913	172,155
30 and more but less than 35	5,204	2,203	86	–	10	2,107	–	3,001
35 and more but less than 40	1,295	533	51	81	258	143	–	762
40 and more but less than 45	3,136	–	–	–	–	–	–	3,136
45 and more but less than 50	3,573	392	–	–	93	298	75	3,107
50 and more but less than 55	7,791	–	–	–	–	–	4,684	3,107
55 and more	78,721	22,077	0	0	3,345	18,732	45,965	10,678
more than 4, total	2,121,260	530,620	91,015	20,107	299,672	119,826	255,616	1,335,025
total	4,159,002	1,392,375	224,910	51,258	805,258	310,948	422,088	2,344,539
Debt securities not falling due en bloc, by residual maturity								
up to and including 1	4,458	3,378	31	–	911	2,436	1,080	–
more than 1 but less than 2	5,849	4,052	3,045	5	176	826	1,751	45
2 and more but less than 3	5,069	4,077	1,217	1,003	23	1,834	992	–
3 and more but less than 4	8,569	3,631	1,783	502	46	1,299	4,939	–
4 exactly	0	0	–	–	–	0	–	–
up to and including 4, total	23,945	15,138	6,077	1,510	1,156	6,395	8,762	45
more than 4 but less than 5	1,914	868	505	–	62	301	1,046	–
5 and more but less than 6	1,499	954	–	511	307	136	545	–
6 and more but less than 7	1,924	1,435	1,271	–	28	136	488	–
7 and more but less than 8	2,352	1,608	5	1,224	119	259	744	–
8 and more but less than 9	4,147	3,525	1,515	1,510	209	292	622	–
9 and more but less than 10	610	607	3	–	78	526	3	–
10 and more but less than 15	5,783	1,615	1,526	–	24	65	4,168	–
15 and more but less than 20	2,152	865	13	–	741	112	1,236	51
20 and more but less than 25	8,113	332	–	–	332	–	6,258	1,522
25 and more	17,104	98	20	–	–	78	17,007	–
more than 4, total	45,596	11,907	4,857	3,245	1,901	1,903	32,116	1,573
total	69,541	27,044	10,934	4,755	3,057	8,298	40,878	1,618

I. Debt securities issued by residents

6g) Amounts outstanding of registered debt securities issued by Monetary financial institutions (MFIs)

Nominal value in € million, and relation (%) to simultaneously outstanding bearer debt securities in the corresponding category of securities

End of year or month	Total		Mortgage Pfandbriefe		Public Pfandbriefe		Debt securities issued by special purpose credit institutions		Other bank debt securities	
	€ million	%	€ million	%	€ million	%	€ million	%	€ million	%
	2006	391,020	21.6	83,578	57.9	221,310	44.3	12,161	3.3	73,970
2007	392,935	21.0	77,401	58.0	224,760	49.6	11,508	2.8	79,266	9.1
2008	385,726	20.6	76,347	50.8	201,883	53.5	43,520	8.9	63,976	7.5
2009	378,399	21.0	81,894	54.2	189,961	64.1	43,173	8.4	63,370	7.6
2010	364,300	23.2	80,223	54.4	179,136	76.9	43,272	7.9	61,669	9.6
2011	356,250	23.5	81,132	54.4	167,010	88.5	44,313	7.7	63,795	10.6
2012	348,646	24.7	78,744	54.3	154,055	104.7	48,745	8.5	67,102	12.2
2013	338,833	26.3	78,557	61.5	136,671	125.1	50,753	8.9	72,852	15.1
2014 ¹	338,888	27.5	74,425	61.3	121,101	141.7	55,229	9.7	88,132	19.4
2015	317,616	27.5	73,292	56.1	104,845	138.5	55,081	9.7	84,398	22.1
2016 ¹	304,106	26.1	70,932	53.4	92,547	147.6	67,461	10.6	73,166	21.8
2017 ¹	290,055	24.8	72,749	51.5	90,221	155.5	67,042	10.3	60,044	18.7
2018	275,624	23.1	69,378	43.1	82,645	160.7	64,815	9.7	58,787	18.9
2019	257,366	21.0	62,982	36.2	74,873	156.9	60,202	8.6	59,309	19.5
2020	233,099	19.8	59,174	32.2	65,730	117.5	49,307	7.2	58,887	23.8
2021	227,714	18.2	55,422	27.4	59,959	94.4	45,103	6.2	67,230	26.5
2022	227,208	17.5	54,377	24.1	54,198	100.0	44,544	5.9	74,089	28.4
2023	225,186	16.3	54,452	23.0	48,794	89.8	44,547	5.5	77,393	27.0
2020 Sep.	236,836	19.5	60,381	32.0	67,703	115.0	49,898	7.0	58,854	23.4
Oct.	235,374	19.7	59,996	32.1	67,033	115.0	49,650	7.1	58,695	23.6
Nov.	233,309	19.6	59,522	32.1	66,164	115.4	49,335	7.1	58,288	23.2
Dec.	233,099	19.8	59,174	32.2	65,730	117.5	49,307	7.2	58,887	23.8
2021 Jan.	233,989	19.8	59,047	31.9	65,360	118.8	48,504	7.0	61,078	24.8
Feb.	231,825	19.6	58,770	31.8	64,691	118.0	47,507	6.8	60,857	24.3
Mar.	230,783	18.7	58,431	29.9	64,113	100.8	47,117	6.5	61,123	24.1
Apr.	229,141	18.8	58,153	29.6	63,542	98.4	46,895	6.6	60,551	24.0
May	227,985	18.8	57,895	29.3	62,972	98.9	46,645	6.6	60,473	24.1
June	226,628	18.5	57,529	29.0	62,337	97.0	46,632	6.6	60,130	23.6
July	224,875	18.5	57,297	28.9	62,007	97.0	46,060	6.6	59,512	23.4
Aug.	223,723	18.3	56,870	28.8	61,848	96.8	45,665	6.4	59,340	23.3
Sep.	224,965	18.1	56,617	28.3	61,539	96.2	45,655	6.3	61,154	24.2
Oct.	231,643	18.5	56,100	27.7	61,239	96.6	45,488	6.2	68,816	27.0
Nov.	229,558	18.2	55,618	27.7	60,558	95.1	45,538	6.1	67,843	26.4
Dec.	227,714	18.2	55,422	27.4	59,959	94.4	45,103	6.2	67,230	26.5
2022 Jan.	230,924	18.2	55,362	26.4	59,740	94.7	45,415	6.1	70,406	27.6
Feb.	230,549	18.0	55,204	26.0	59,737	93.4	45,323	6.1	70,284	27.6
Mar.	229,682	17.6	55,084	25.8	59,165	92.1	45,197	5.9	70,235	27.4
Apr.	228,929	17.5	55,027	25.7	58,029	90.7	45,065	5.8	70,808	27.6
May	228,970	17.5	55,040	25.6	57,825	88.0	44,964	5.8	71,141	27.9
June	227,830	17.3	54,661	25.2	57,368	87.0	44,798	5.7	71,003	27.8
July	227,409	17.2	54,623	25.0	56,916	92.0	44,713	5.7	71,157	27.7
Aug.	227,315	17.2	54,603	24.5	56,609	93.4	44,785	5.7	71,318	27.9
Sep.	226,802	16.7	54,646	23.9	56,256	92.8	44,988	5.6	70,912	27.2
Oct.	225,732	16.8	54,500	23.5	55,494	94.3	44,965	5.6	70,773	27.3
Nov.	224,442	16.8	54,255	23.6	54,833	94.7	44,758	5.7	70,595	27.0
Dec.	227,208	17.5	54,377	24.1	54,198	100.0	44,544	5.9	74,089	28.4
2023 Jan.	227,476	17.3	54,842	23.6	54,163	102.9	44,636	5.8	73,836	27.8
Feb.	227,784	17.2	54,768	23.8	53,905	99.5	45,053	5.9	74,058	27.2
Mar.	228,443	17.1	54,960	24.2	53,386	100.9	45,400	5.8	74,697	26.9
Apr.	227,520	17.1	54,959	24.0	52,880	99.9	45,278	5.9	74,403	26.9
May	229,355	16.8	54,619	23.6	52,272	98.2	45,303	5.7	77,161	27.5
June	228,159	16.8	54,541	23.7	51,926	97.6	45,129	5.7	76,563	27.1
July	227,775	16.8	54,587	23.6	51,463	96.4	45,072	5.7	76,653	27.1
Aug.	227,703	16.7	54,579	23.3	51,146	94.8	44,659	5.6	77,319	27.5
Sep.	226,480	16.6	54,220	23.1	50,845	95.7	44,532	5.6	76,882	27.4
Oct.	226,116	16.6	54,786	23.7	50,114	96.2	44,656	5.6	76,559	26.9
Nov.	224,701	16.4	54,498	23.0	49,226	92.8	44,480	5.6	76,497	26.8
Dec.	225,186	16.3	54,452	23.0	48,794	89.8	44,547	5.5	77,393	27.0
2024 Jan.	224,932	16.1	54,296	22.9	48,325	86.7	44,600	5.5	77,710	26.5
Feb.	224,781	16.0	54,284	22.8	48,044	83.6	44,665	5.5	77,790	26.1
Mar.	224,180	15.8	54,289	22.7	47,732	83.8	44,531	5.5	77,628	25.7
Apr.	224,711	16.0	54,626	22.6	47,682	86.0	44,482	5.5	77,921	25.5
May	224,658	15.9	54,778	22.9	47,271	85.1	44,374	5.5	78,235	25.5
June	224,305	15.8	54,817	22.9	46,539	84.1	44,488	5.4	78,462	25.4
July	223,535	15.9	54,777	23.1	46,268	82.8	44,395	5.6	78,095	25.1
Aug.	223,596	15.9	55,020	23.0	45,999	82.6	44,412	5.6	78,166	25.0
Sep.	222,566	15.8	54,619	23.4	45,720	81.5	44,169	5.5	78,057	25.1
Oct.	222,865	15.7	55,171	23.4	45,185	80.7	44,182	5.5	78,327	24.5

¹ Sectoral reclassification of debt securities.

I. Debt securities issued by residents

6h) Short-term debt securities outstanding

€ million, nominal value

End of year or month	Debt securities issued by non-banks				Debt securities issued by banks	
	Total	Public issuer		Corporate bonds (non-MFIs)		
		Total	of which Treasury discount paper			
Agreed maturity of less than 2 years						
2006	59,509		39,267	34,715	20,242	126,248
2007	84,185		47,012	34,732	37,173	184,270
2008	111,745		67,876	39,936	43,869	263,689
2009	149,395		132,141	103,395	17,254	236,042
2010	1	1	227,952	85,075	23,703	104,933
2011	221,569		190,128	57,607	31,441	107,709
2012	1	1	156,032	55,866	26,536	89,009
2013	124,864		100,555	49,976	24,309	82,434
2014	93,972		81,856	27,869	12,116	99,389
2015	91,979		72,604	18,536	19,375	123,169
2016	91,413		79,458	23,609	11,955	116,127
2017	70,404		60,194	10,037	10,210	118,438
2018	83,044		68,099	13,087	14,945	119,827
2019	85,785		68,547	13,592	17,238	131,662
2020	195,289		181,464	113,742	13,824	105,347
2021	214,496		197,724	154,838	16,771	117,536
2022	167,605		152,181	138,678	15,424	107,656
2023	167,655		157,350	147,261	10,306	134,328
2023 June	168,981		154,429	141,760	14,552	127,737
July	173,346		158,434	146,604	14,912	122,551
Aug.	178,366		163,814	150,512	14,552	132,149
Sep.	182,733		167,963	153,447	14,770	121,373
Oct.	175,286		160,526	151,502	14,760	113,542
Nov.	175,567		162,750	153,986	12,818	122,627
Dec.	167,655		157,350	147,261	10,306	134,328
2024 Jan.	156,485		146,772	138,335	9,714	119,776
Feb.	150,016		140,366	130,876	9,650	113,540
Mar.	144,472		135,019	123,950	9,453	122,638
Apr.	139,572		128,991	118,988	10,580	104,688
May	137,397		124,945	114,509	12,453	103,206
June	133,585		120,911	110,553	12,674	119,580
July	131,949		119,107	110,568	12,842	108,048
Aug.	130,669		117,380	109,601	13,289	110,448
Sep.	124,447		113,391	106,653	11,056	123,327
Oct.	128,437		117,511	109,676	10,926	123,472
of which: Agreed maturity of up to and including 1 year						
2006	56,250		37,347	34,715	18,903	57,761
2007	73,982		36,857	34,732	37,125	99,394
2008	90,127		46,513	39,936	43,614	182,017
2009	123,773		106,876	103,395	16,897	188,106
2010	1	1	166,991	85,075	22,964	80,840
2011	138,604		116,091	57,607	22,513	84,144
2012	1	1	127,770	55,866	19,574	68,519
2013	104,721		86,227	49,976	18,494	61,436
2014	78,068		71,569	27,869	6,499	79,012
2015	77,089		66,851	18,536	10,238	104,018
2016	76,912		70,054	23,609	6,858	100,828
2017	56,171		49,542	10,037	6,629	103,952
2018	62,941		52,930	13,087	10,011	106,211
2019	68,879		56,881	13,592	11,998	118,494
2020	189,342		176,600	113,742	12,742	94,778
2021	212,308		197,415	154,838	14,894	108,309
2022	165,636		151,181	138,678	14,455	98,120
2023	164,944		155,849	147,261	9,095	121,687
2023 June	166,757		153,429	141,760	13,328	115,185
July	171,027		157,434	146,604	13,593	110,133
Aug.	176,128		162,814	150,512	13,314	119,541
Sep.	179,987		166,462	153,447	13,525	110,005
Oct.	172,561		159,024	151,502	13,537	99,845
Nov.	172,847		161,246	153,986	11,601	109,387
Dec.	164,944		155,849	147,261	9,095	121,687
2024 Jan.	154,804		146,269	138,335	8,534	106,617
Feb.	148,276		139,812	130,876	8,464	100,468
Mar.	142,756		134,468	123,950	8,288	109,867
Apr.	138,149		128,438	118,988	9,711	89,190
May	135,969		124,390	114,509	11,579	87,146
June	132,224		120,359	110,553	11,865	103,167
July	130,561		118,554	110,568	12,007	91,495
Aug.	129,271		116,826	109,601	12,444	94,325
Sep.	122,998		112,660	106,653	10,338	108,006
Oct.	127,019		116,778	109,676	10,241	108,374

1 Sectoral reclassification of debt securities.

I. Debt securities issued by residents

6i) Amounts outstanding of debt securities quoted in units

€ million, market value

Period	Structured products						Other debt securities quoted in units	Participation certificates
	Total	Certificates	Warrants	Reverse convertibles	Other structured debt securities (including credit-linked notes, convertible bonds and bonds with warrants)			
Total								
2020	136,484	109,407	49,712	55,465	1,975	2,255	18,346	8,731
2021	128,396	101,413	51,025	46,289	2,575	1,524	20,414	6,569
2022	124,924	93,801	42,797	46,975	2,775	1,255	24,822	6,301
2023	119,959	84,790	45,385	34,724	3,572	1,108	28,793	6,377
2023 Sep.	132,206	95,175	45,786	45,099	3,200	1,090	30,726	6,305
Oct.	122,081	83,944	44,707	35,024	3,108	1,105	31,799	6,337
Nov.	126,430	88,179	46,483	37,102	3,496	1,099	31,898	6,353
Dec.	119,959	84,790	45,385	34,724	3,572	1,108	28,793	6,377
2024 Jan.	124,554	87,330	45,921	36,281	4,033	1,095	30,826	6,397
Feb.	129,403	92,036	46,879	39,596	4,477	1,084	30,970	6,397
Mar.	128,694	94,600	46,278	42,469	4,778	1,075	27,648	6,445
Apr.	133,277	93,005	46,190	40,650	5,042	1,123	33,827	6,445
May	132,664	94,933	46,858	41,648	5,306	1,121	33,405	4,325
June	133,556	96,146	45,723	43,721	5,462	1,239	33,125	4,285
July	135,161	97,417	45,595	44,971	5,642	1,208	33,409	4,335
Aug.	138,310	100,118	46,035	47,028	5,851	1,204	33,856	4,335
Sep.	134,793	96,409	44,694	44,498	6,006	1,211	34,049	4,335
Oct.	136,976	96,937	44,806	44,824	6,097	1,210	35,703	4,335
Bank debt securities								
2020	48,468	41,723	31,650	6,298	1,653	2,122	6,746	–
2021	51,911	44,964	31,405	9,737	2,299	1,523	6,947	–
2022	53,406	43,114	32,335	6,955	2,570	1,254	10,292	–
2023	52,882	39,964	32,173	3,294	3,395	1,102	12,919	–
2023 Sep.	56,135	40,421	33,093	3,211	3,032	1,084	15,714	–
Oct.	54,918	39,069	31,911	3,115	2,945	1,098	15,848	–
Nov.	56,669	40,624	32,758	3,456	3,318	1,093	16,045	–
Dec.	52,882	39,964	32,173	3,294	3,395	1,102	12,919	–
2024 Jan.	55,146	40,302	32,049	3,371	3,794	1,089	14,844	–
Feb.	56,805	41,779	32,327	4,111	4,264	1,077	15,026	–
Mar.	52,830	42,586	31,970	4,978	4,573	1,066	10,243	–
Apr.	57,351	41,868	31,495	4,425	4,834	1,114	15,483	–
May	57,730	42,689	31,481	5,017	5,079	1,112	15,041	–
June	56,466	41,900	30,376	5,051	5,243	1,230	14,566	–
July	56,133	41,733	30,244	4,862	5,428	1,199	14,400	–
Aug.	56,501	41,991	30,314	4,836	5,645	1,196	14,510	–
Sep.	55,723	41,735	29,570	5,156	5,809	1,200	13,989	–
Oct.	55,378	41,361	29,137	5,117	5,907	1,200	14,017	–
Corporate bonds (non-MFIs) ¹								
2020	88,016	67,685	18,062	49,167	322	134	11,600	8,731
2021	76,485	56,449	19,620	36,552	276	1	13,467	6,569
2022	71,519	50,687	10,463	40,019	205	1	14,530	6,301
2023	67,077	44,826	13,212	31,431	177	6	15,874	6,377
2023 Sep.	76,071	54,754	12,692	41,887	168	6	15,012	6,305
Oct.	67,163	44,875	12,796	31,909	164	6	15,951	6,337
Nov.	69,761	47,555	13,725	33,645	178	6	15,854	6,353
Dec.	67,077	44,826	13,212	31,431	177	6	15,874	6,377
2024 Jan.	69,408	47,028	13,873	32,910	239	6	15,982	6,397
Feb.	72,598	50,257	14,552	35,485	213	6	15,944	6,397
Mar.	75,864	52,014	14,308	37,491	206	9	17,405	6,445
Apr.	75,926	51,138	14,695	36,226	208	9	18,343	6,445
May	74,934	52,244	15,377	36,631	227	9	18,365	4,325
June	77,090	54,246	15,347	38,670	220	9	18,559	4,285
July	79,028	55,683	15,350	40,110	214	9	19,009	4,335
Aug.	81,808	58,127	15,721	42,192	206	9	19,346	4,335
Sep.	79,070	54,674	15,124	39,342	198	10	20,060	4,335
Oct.	81,597	55,576	15,669	39,707	190	10	21,686	4,335

¹ Including cross-border financing within groups. ² Sectoral reclassification of debt securities.