

I. Debt securities issued by residents

5. Redemptions, by category of securities

€ million, face value

Period	All maturities								Maturities of more than four years			
	Total	Bank debt securities			Debt securities issued by special purpose credit institutions	Other bank debt securities	Corporate bonds (non-MFIs)	Public debt securities	Total	Bank debt securities		
		Total	Mortgage Pfandbriefe	Public Pfandbriefe						Total	Mortgage Pfandbriefe	Public Pfandbriefe
2005	847,194	626,384	30,369	138,238	122,769	335,009	14,252	206,558	264,038	188,901	13,822	91,417
2006	796,440	563,720	37,296	119,778	94,304	312,343	14,371	218,350	254,878	176,631	17,292	78,054
2007	934,955	685,449	30,105	129,350	153,157	372,837	18,728	230,779	296,459	203,554	18,408	81,027
2008	1,217,864	952,754	36,206	136,295	357,650	422,603	12,441	252,671	403,833	289,041	24,386	82,215
2009	1,457,175	1,134,369	39,565	118,261	305,985	670,559	27,868	294,937	383,316	257,941	18,643	66,925
2010	1,353,573	845,400	39,981	96,906	335,531	372,979	29,907	478,267	349,445	216,439	18,418	61,721
2011	1,315,250	713,363	29,773	68,585	343,971	271,034	89,803	512,086	354,260	186,079	16,694	48,117
2012	1,425,868	802,978	40,770	53,072	449,413	259,722	69,657	553,231	363,474	199,341	21,748	41,421
2013	1,573,646	1,034,039	43,139	50,744	696,640	243,517	65,234	474,370	358,211	198,185	21,308	34,081
2014	1,396,079	886,764	30,515	36,870	621,272	198,103	69,377	439,938	380,973	197,138	15,809	24,811
2015	1,424,568	929,317	26,570	23,131	584,169	295,448	81,375	413,874	468,392	270,652	17,763	20,230
2016 ²	1,184,532	706,212	26,883	20,600	494,955	163,775	55,194	423,127	347,849	154,077	17,464	16,271
2017 ²	1,045,152	613,244	23,952	13,629	419,674	155,989	59,462	372,445	347,805	172,864	15,953	10,494
2018	1,145,331	676,768	18,845	12,239	515,706	129,981	81,442	387,125	352,070	128,753	11,825	9,087
2019	1,225,820	755,225	25,884	13,314	581,635	134,393	63,918	406,677	349,670	161,432	18,152	11,244
2020	1,396,288	750,265	30,887	9,511	621,313	88,554	134,670	511,353	323,252	128,875	20,055	6,486
2021	1,447,773	742,693	24,045	9,823	626,023	82,802	104,245	600,836	290,879	118,025	13,502	5,956
2018 June	101,896	69,599	3,140	1,233	49,362	15,865	4,846	27,451	32,811	26,525	2,726	1,233
July	115,930	72,057	1,446	891	60,868	8,852	2,893	40,981	38,462	14,496	425	856
Aug.	89,707	62,022	663	666	51,788	8,905	9,068	18,618	15,788	5,994	603	650
Sep.	74,994	47,793	1,918	518	35,726	9,632	4,049	23,152	10,127	5,354	574	518
Oct.	102,808	60,727	891	996	51,041	7,799	4,030	38,052	37,989	14,161	891	996
Nov.	78,387	49,924	2,030	701	37,645	9,548	6,492	21,971	23,324	7,122	530	401
Dec.	84,580	39,844	1,249	1,709	26,304	10,583	11,938	32,798	19,101	9,390	1,249	392
2019 Jan.	117,056	68,902	2,030	1,739	51,725	13,408	4,645	43,509	47,888	15,657	1,476	539
Feb.	107,023	64,027	2,806	1,909	47,984	11,328	2,771	40,225	31,228	9,729	1,367	509
Mar.	102,794	62,034	2,677	1,021	45,042	13,294	5,479	35,281	33,300	21,820	2,052	1,021
Apr.	115,020	71,319	1,091	1,269	59,227	9,733	2,790	40,910	34,410	13,187	977	1,194
May	76,674	52,533	2,208	1,114	40,264	8,947	4,829	19,312	16,347	6,383	1,326	1,114
June	89,605	50,723	2,077	1,230	36,981	10,435	4,599	34,283	15,609	10,173	1,763	1,210
July	123,213	72,348	4,805	693	56,296	10,554	7,717	43,149	44,808	12,446	3,094	693
Aug.	90,532	64,747	1,171	918	49,755	12,903	2,311	23,473	14,452	11,615	682	376
Sep.	107,418	67,448	2,758	317	50,801	13,572	10,067	29,903	23,888	15,419	2,758	315
Oct.	135,446	81,607	1,703	1,317	67,019	11,569	6,659	47,180	42,538	15,722	1,198	1,292
Nov.	68,874	49,656	383	962	38,370	9,941	4,979	14,239	12,695	8,447	88	761
Dec.	92,165	49,881	2,175	825	38,171	8,709	7,072	35,212	32,507	20,834	1,371	820
2020 Jan.	132,348	78,652	3,821	1,215	68,760	4,856	8,729	44,966	55,814	22,429	1,683	260
Feb.	96,689	58,570	586	879	46,795	10,310	9,707	28,412	7,239	3,934	346	580
Mar.	104,827	52,953	1,978	1,368	39,501	10,106	14,643	37,232	19,285	8,578	1,978	1,272
Apr.	140,676	66,194	3,195	426	52,311	10,262	11,409	63,073	55,081	12,923	2,158	201
May	88,097	55,045	1,602	729	43,552	9,163	13,813	19,240	7,673	6,267	783	729
June	118,827	60,965	3,175	85	48,293	9,412	15,649	42,213	25,495	19,054	2,122	85
July	132,460	66,357	2,809	734	55,570	7,245	8,902	57,201	40,450	8,576	2,299	276
Aug.	83,538	55,233	1,529	149	48,847	4,708	8,076	20,229	11,598	7,965	761	149
Sep.	133,377	56,345	4,678	295	44,410	6,962	11,417	65,614	33,870	9,406	1,609	228
Oct.	140,800	76,076	3,830	873	66,479	4,895	10,820	53,904	38,767	11,892	3,575	623
Nov.	105,125	61,371	1,696	1,207	54,115	4,353	10,859	32,896	15,450	10,739	1,696	942
Dec.	119,524	62,503	1,987	1,553	52,681	6,282	10,646	46,375	12,531	7,112	1,044	1,143
2021 Jan.	133,683	73,382	1,916	1,512	63,478	6,475	7,435	52,866	47,274	19,880	1,210	1,056
Feb.	109,618	64,183	3,637	694	53,465	6,387	8,876	36,559	15,771	11,437	3,285	194
Mar.	120,099	68,535	794	757	60,110	6,875	8,513	43,052	13,101	9,894	228	147
Apr.	136,389	64,779	3,327	32	55,251	6,169	7,168	64,442	34,301	6,069	2,727	32
May	107,592	62,931	1,055	1,158	54,261	6,457	8,294	36,368	12,209	7,630	40	1,158
June	132,165	64,932	414	84	57,686	6,748	11,576	55,657	26,903	17,290	111	84
July	138,350	68,342	1,253	577	59,329	7,184	6,785	63,223	37,074	11,078	748	577
Aug.	103,499	60,581	2,436	92	52,075	5,978	10,926	31,992	13,003	7,010	776	80
Sep.	136,246	56,737	2,298	1,185	43,636	9,617	10,485	69,024	33,981	7,759	291	960
Oct.	125,283	54,375	1,789	1,066	45,100	6,419	7,766	63,142	33,403	6,430	856	566
Nov.	93,831	52,925	4,205	779	41,086	6,855	5,336	35,570	9,704	8,036	2,689	229
Dec.	111,019	50,992	922	1,886	40,546	7,638	11,086	48,941	14,155	5,513	543	873
2022 Jan.	125,327	56,407	4,706	1,907	45,056	4,739	7,848	61,071	47,086	17,808	4,460	1,657
Feb.	105,803	56,781	2,304	495	46,763	7,219	8,527	40,494	11,302	7,125	1,472	475
Mar.	126,543	61,818	3,505	625	51,954	5,735	8,932	55,792	17,822	14,708	3,005	615
Apr.	145,848	73,272	2,371	450	64,296	6,156	9,659	62,916	36,273	10,853	1,322	150
May	114,729	67,304	3,091	35	58,627	5,550	11,631	35,795	12,012	7,699	1,154	35
June	132,285	71,011	4,089	620	60,537	5,764	12,746	48,528	17,143	12,757	2,388	120
July	157,961	82,068	4,108	4,418	66,286	7,255	10,574	65,319	41,752	10,633	1,858	752

¹ Including cross-border financing within groups from January 2011. ² Sectoral reclassification of debt securities.

I. Debt securities issued by residents

		Maturities of up to (and including) four years												
Debt securities issued by special purpose credit institutions	Other bank debt securities	Corporate bonds (non-MFIs) 1	Public debt securities	Bank debt securities								Corporate bonds (non-MFIs) 1	Public debt securities	Period
				Total	Total	Mortgage Pfandbriefe	Public Pfandbriefe	Debt securities issued by special purpose credit institutions	Other bank debt securities					
18,874	64,787	6,786	68,350	583,157	437,484	16,547	46,820	103,895	270,221	7,466	138,208	2005		
14,957	66,330	7,121	71,126	541,567	387,088	20,003	41,724	79,350	246,014	7,250	147,226	2006		
29,779	74,339	3,221	89,682	638,495	481,892	11,696	48,321	123,376	298,497	15,507	141,097	2007		
56,702	125,739	6,034	108,758	814,032	663,713	11,821	54,080	300,947	296,868	6,406	143,912	2008		
52,373	119,999	14,063	111,312	1,073,859	876,430	20,919	51,337	253,612	550,558	13,805	183,625	2009		
45,088	91,215	17,917	115,088	1,004,128	628,961	21,563	35,184	290,446	281,765	11,987	363,179	2010		
37,634	83,629	51,896	116,287	960,992	527,283	13,080	20,467	306,336	187,404	37,909	395,800	2011		
52,932	83,239	47,248	116,886	1,062,397	603,637	19,021	11,649	396,482	176,486	22,411	436,346	2012		
49,464	93,331	40,820	119,207	1,215,434	835,855	21,835	16,663	647,175	150,185	24,415	355,164	2013		
65,680	90,841	47,161	136,672	1,015,104	689,623	14,706	12,059	555,594	107,265	22,215	303,266	2014		
61,092	171,567	48,281	149,460	956,175	658,666	8,808	2,901	523,077	123,879	33,096	264,414	2015		
69,073	51,271	27,719	166,057	836,682	552,135	9,419	4,328	425,882	112,506	27,476	257,070	2016 2		
83,487	62,931	36,574	138,370	697,346	440,379	7,998	3,133	336,191	93,057	22,889	234,078	2017 2		
70,752	37,092	61,854	161,462	793,264	548,016	7,018	3,151	444,951	92,891	19,586	225,664	2018		
83,666	48,373	42,832	145,410	876,147	593,796	7,731	2,071	497,970	86,019	21,086	261,267	2019		
75,612	26,721	29,242	165,135	1,073,036	621,390	10,831	3,025	545,701	61,833	105,428	346,218	2020		
70,902	27,665	34,603	138,252	1,156,894	624,668	10,543	3,866	555,121	55,138	69,642	462,584	2021		
16,848	5,717	3,057	3,230	69,085	43,075	413	-	32,513	10,148	1,789	24,221	2018 June		
10,939	2,276	2,312	21,654	77,469	57,561	1,021	35	49,929	6,576	581	19,327	July		
1,739	3,002	7,426	2,369	73,919	56,028	60	15	50,049	5,903	1,642	16,249	Aug.		
2,569	1,693	1,566	3,206	64,867	42,439	1,344	-	33,156	7,939	2,483	19,945	Sep.		
10,015	2,260	3,341	20,486	64,820	46,565	-	-	41,026	5,539	688	17,566	Oct.		
2,717	3,474	4,377	11,825	55,063	42,802	1,500	300	34,928	6,074	2,114	10,146	Nov.		
5,150	2,599	7,019	2,692	65,479	30,455	-	1,317	21,153	7,984	4,919	30,106	Dec.		
10,717	2,926	2,336	29,895	69,168	53,245	554	1,200	41,008	10,482	2,309	13,614	2019 Jan.		
2,530	3,923	2,055	19,445	75,795	54,298	1,438	-	45,454	7,405	716	20,781	Feb.		
12,981	5,766	3,892	7,588	69,494	40,214	625	-	32,061	7,528	1,587	27,693	Mar.		
6,492	4,524	2,070	19,154	80,609	58,133	114	75	52,735	5,209	720	21,757	Apr.		
2,167	1,776	3,629	6,335	60,327	46,151	883	-	38,097	7,170	1,200	12,977	May		
4,093	3,107	2,582	2,855	73,995	40,551	314	20	32,888	7,328	2,017	31,428	June		
5,623	3,036	5,611	26,751	78,405	59,902	1,710	-	50,674	7,518	2,105	16,398	July		
5,147	5,411	1,680	1,157	76,079	53,133	489	543	44,608	7,492	631	22,315	Aug.		
5,555	6,791	6,051	2,419	83,530	52,029	-	2	45,246	6,781	4,016	27,484	Sep.		
9,866	3,367	5,052	21,764	92,908	65,885	505	25	57,153	8,202	1,608	25,416	Oct.		
3,708	3,890	3,021	1,228	56,179	41,209	295	201	34,662	6,051	1,958	13,011	Nov.		
14,787	3,856	4,853	6,819	59,658	29,046	804	5	23,384	4,853	2,219	28,393	Dec.		
18,589	1,897	2,345	31,040	76,534	56,223	2,137	955	50,172	2,959	6,385	13,927	2020 Jan.		
1,577	1,431	815	2,490	89,450	54,636	240	299	45,218	8,880	8,892	25,922	Feb.		
3,908	1,420	4,883	5,823	85,543	44,374	-	96	35,592	8,686	9,760	31,409	Mar.		
7,674	2,891	2,408	39,750	85,595	53,270	1,037	225	44,637	7,372	9,002	23,323	Apr.		
2,649	2,106	1,406	-	80,424	48,779	819	-	40,902	7,057	12,406	19,240	May		
12,152	4,694	3,420	3,021	93,332	41,911	1,053	-	36,141	4,718	12,229	39,192	June		
4,019	1,982	1,906	29,968	92,010	57,781	510	458	51,551	5,262	6,996	27,233	July		
5,643	1,412	1,228	2,405	71,940	47,268	768	-	43,204	3,296	6,848	17,824	Aug.		
5,007	2,562	2,243	22,220	99,507	46,939	3,069	67	39,403	4,400	9,174	43,394	Sep.		
6,276	1,418	2,265	24,610	102,033	64,185	256	250	60,203	3,476	8,554	29,294	Oct.		
5,752	2,349	3,655	1,055	89,676	50,632	-	265	48,363	2,004	7,203	31,841	Nov.		
2,366	2,559	2,666	2,754	106,992	55,392	943	410	50,315	3,723	7,979	43,621	Dec.		
14,408	3,205	4,234	23,160	86,409	53,502	706	456	49,069	3,271	3,201	29,706	2021 Jan.		
6,380	1,578	2,635	1,700	93,846	52,746	352	500	47,085	4,809	6,241	34,859	Feb.		
6,222	3,298	1,882	1,325	106,998	58,641	566	610	53,888	3,577	6,630	41,727	Mar.		
1,568	1,742	3,282	24,950	102,088	58,710	600	-	53,683	4,427	3,886	39,492	Apr.		
3,946	2,486	2,136	2,443	95,383	55,301	1,015	-	50,315	3,971	6,158	33,925	May		
15,185	1,910	4,241	5,372	105,262	47,642	304	-	42,501	4,837	7,335	50,284	June		
7,842	1,911	1,763	24,233	101,276	57,264	505	-	51,486	5,273	5,021	38,990	July		
4,550	1,604	3,048	2,945	90,496	53,571	1,660	12	47,525	4,373	7,878	29,047	Aug.		
1,644	4,864	2,573	23,649	102,265	48,978	2,007	225	41,992	4,754	7,911	45,375	Sep.		
3,108	1,899	2,282	24,691	91,880	47,945	933	500	41,992	4,519	5,484	38,451	Oct.		
3,500	1,618	1,039	629	84,127	44,889	1,516	550	37,586	5,237	4,297	34,942	Nov.		
2,548	1,549	5,487	3,155	96,865	45,479	379	1,013	37,998	6,089	5,599	45,786	Dec.		
9,611	2,079	2,709	26,570	78,240	38,600	246	250	35,445	2,659	5,139	34,501	2022 Jan.		
3,034	2,145	1,223	2,954	94,500	49,657	833	20	43,729	5,074	7,304	37,540	Feb.		
9,357	1,731	1,064	2,050	108,720	47,110	500	10	42,597	4,003	7,868	53,742	Mar.		
6,241	3,140	1,861	23,559	109,575	62,419	1,049	300	58,054	3,016	7,799	39,358	Apr.		
4,390	2,121	3,502	810	102,718	59,604	1,937	-	54,238	3,429	8,129	34,985	May		
7,636	2,613	2,030	2,355	115,142	58,254	1,701	500	52,901	3,151	10,716	46,173	June		
7,105	917	669	30,450	116,209	71,435	2,250	3,665	59,181	6,338	9,905	34,869	July		