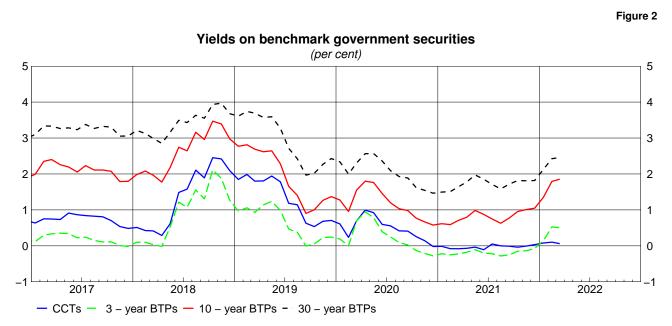
15 April 2022

For further information: statistiche@bancaditalia.it www.bancaditalia.it/statistiche/index.html

Figure 1 Net bond issues by issuer (billions of euros) 50 50 40 40 30 30 20 20 10 10 O 0 -10-10 -20 -20 -30 -30 -40 -40 2017 2018 2019 2020 2021 '22 Non-financial corporations and other financial intermediaries Banks General government — Total

In February the resident sectors recorded net bond issues of \in 25.5 billion. Net general government bond issues were positive at \in 22.8 billion, an outcome to which BTPs and CCTs contributed positively (\in 23 and \in 1.1 billion, respectively) while CTZs and BOTs contributed negatively (\in 1 and \in 0.3 billion, respectively). Banks recorded net issues of \in 3.8 billion. The net issues of the remaining sectors were negative at \in 1.1 billion, with non-financial corporations and other financial intermediaries contributing - \in 0.6 and - \in 0.5 billion, respectively.



In March the gross yields to maturity on 10-year and 30-year benchmark BTPs increased by 6 and 2 basis points, to 1.85 and 2.45 per cent, respectively. The gross yield on 3-year benchmark BTPs and benchmark CCTs decreased by 2 and 4 basis points, to 0.51 and 0.06 per cent, respectively.

General information

- I Unless indicated otherwise, figures have been computed by the Bank of Italy.
- II Symbols and Conventions:
 - the phenomenon does not occur;
 - the phenomenon occurs but its value is not known;
 - .. the value is known but is nil or less than half the final digit shown.

Figures in parentheses in roman type () are provisional. Those in parentheses in italics () are estimated.

III The tables are identified both by a number and by an alphanumeric code that defines the content of the table in the electronic database holding the information to be released to the public. A similar code identifies the different aggregates shown in each table.

Notice to readers

Starting from September 2021, the number of reporting money market funds fell below the threshold required to comply with the statistical confidentiality principle. Therefore, it is not possible to publish the data on the 'Net assets' and 'Net subscriptions' to these funds in Table 10 (direct confidentiality).

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Access to data: <u>VALM0100</u>

Securities issued by residents

(millions of euros)

			De	bt securities is	sued by Genera	al government			
			Centra	al government				Local	T-4-1
	BOTs	CTZs	CCTs	BTPs	Index-linked BTPs	International securities	Total	government	Total
ı		I	I	Gr	oss issues				ļ
2019	160,839	31,156	14,771	179,442	20,621	8,950	415,779		415,779
2020	181,815	37,949	16,444	268,477	34,748	13,253	552,686		552,686
2021	159,141	5,951	24,499	268,832	15,089	4,545	478,056	253	478,309
2021 - Aug	14,200		1,274	12,150	1,150		28,774		28,774
Sept	13,200		2,000	15,125	1,000		31,325		31,325
Oct	12,000		2,013	20,000	863		34,875		34,875
Nov	10,126		1,250	17,468	1,150	892	30,886		30,886
Dec	6,600		3,755	7,750	·		18,105	 50	18,155
	· ·	••	•	=	1 150		-		•
2022 - Jan	13,535			20,648	1,150	()	(35,333)		(35,333)
Feb	13,200		1,725	20,309	5,000	()	(40,234)		(40,234)
				Re	demptions				
2019	154,363	25,608	18,061	147,966	18,292	3,133	367,474	1,067	369,291
2020	174,461	34,607	15,478	154,743	23,104	4,564	407,006	1,096	408,103
2021	166,933	31,171	1,407	168,981	17,014	10,292	395,848	1,328	397,176
2021 - Aug	13,535			22,566			36,101	70	36,170
Sept	13,372			22,535	16,776		52,683	36	52,720
Oct	14,311			13,894			28,205	14	28,219
Nov	11,500	15,198	525	18,537			45,760	47	45,807
Dec	13,500	1,368	882	14,914		500	31,165	226	31,390
2022 - Jan	14,072	•		•	**		(14,072)	37	(14,108)
Feb	13,500	 1,020	 615	 1,615	••	()	, ,	11	
r eb	13,300	1,020	013	1,013		()	(16,800)	11	(16,811)
				N	let issues				
2019	6,476	5,336	-3,304	36,609	2,488	5,777	53,332	-1,067	51,515
2020	7,354	3,274	945	116,122	11,699	8,645	147,989	-1,096	146,893
2021	-7,791	-25,192	23,171	100,930	-1,302	-5,727	84,037	-1,075	82,962
2021 - Aug	665		1,282	-10,312	1,254		-7,111	-70	-7,181
Sept	-172		2,016	-7,241	-15,664		-21,062	-36	-21,098
Oct	-2,311		2,032	5,943	944		6,608	-14	6,594
Nov	-1,374	-15,198	738	-1,144	1,255	937	-14,787	-47	-14,834
Dec	-6,900	-1,368	2,889	-7,187	•	-500	-13,066	-176	-13,242
2022 - Jan	-537		_,	20,549	1,437	()	(21,449)	-37	(21,412)
Feb	-300	-1,020	1,116	17,962	5,135	()	(22,843)	-11	(22,832)
			•						
0040	440.000	E4 400		_		nd of period			0.000.00
2019	113,929	51,139	125,586	1,440,016	214,008	38,514	1,983,456	17,176	2,008,331
2020	121,283	54,480	126,552	1,553,750	225,652	47,182	2,129,114	14,659	2,151,473
2021	113,491	29,260	149,643	1,668,601	223,728	42,797	2,227,685	13,603	2,248,988
2021 - Aug	124,249	45,826	142,033	1,678,137	237,492	41,650	2,269,552	13,866	2,291,118
Sept	124,077	45,826	144,033	1,670,727	221,716	42,000	2,248,543	13,835	2,270,078
Oct	121,766	45,826	146,046	1,676,833	222,579	41,941	2,255,154	13,819	2,276,673
Nov	120,391	30,628	146,771	1,675,765	223,728	43,215	2,240,663	13,778	2,262,141
Dec	113,491	29,260	149,643	1,668,601	223,728	42,797	2,227,685	13,603	2,248,988
	112,955	29,260	149,643	1,689,250	224,878	(43,091)	(2,249,240)	13,570	(2,270,510)
2022 - Jan	112,000	,							

Securities issued by residents (millions of euros)

		Debt securities issu	ed by other issuers				
	Banks	Non-financial corporations	Insurance corporations	Other financial intermediaries	Total debt securities	Listed shares	
1			Gross issues				
2019	92,821	29,324	1,385	92,528	631,837	4,936	
2020	72,054	31,226	2,081	83,064	741.111	2,847	
2021	60,445	39,050	1,107	81,922	660,833	4,428	
2021 - Aug	1,353	475		2,194	32,796	45	
Sept	1,391	1,753	13	4,296	38,778	22	
Oct	3,907	3,237	15	5,600	47,634	314	
Nov	6,920	5,198	175	7,689	50,868	172	
Dec	3,659	1,835	25	17,976	41,650	731	
2022 - Jan	6,870	3,533		2,343	(48,080)	15	
Feb	6,658	2,520		4,891	(54,303)	179	
0040	00.447	04.040	Redemptions	00.400	504.054		
2019	92,447	31,216	2,571	66,426	561,951	••	
2020 2021	92,418 65,992	22,945 18,977	1,983 832	77,089 73,302	602,537 556,279		
		-	032	·	•	••	
2021 - Aug	505	210		4,263	41,148		
Sept	1,029	849	15	3,780	58,392		
Oct	9,077	1,544		5,439	44,279	••	
Nov	4,591	2,468	200	5,650	58,717	••	
Dec	4,099	1,403	15	4,413	41,320		
2022 - Jan	15,832	2,592		6,444	(38,977)		
Feb	2,840	3,108	200	5,245	(28,204)	••	
			Net issues				
2019	178	-1,892	-1,186	26,102	74,718	4,936	
2020	-20,364	8,281	98	5,976	140,883	2,847	
2021	-5,547	20,073	275	8,620	106,383	4,428	
2021 - Aug	848	266	••	-2,070	-8,136	45	
Sept	363	905	-3	517	-19,317	22	
Oct	-5,170	1,693	15	162	3,293	314	
Nov	2,329	2,730	-25	2,038	-7,762	172	
Dec	-440	432	10	13,563	323	731	
2022 - Jan	-8,962	941		-4,101	(9,290)	15	
Feb	3,818	-588	-200	-354	(25,508)	179	
		Outstandir	ng amounts at end	of period			
2019	451,493	139,319	15,005	229,636	2,843,785	555,564	
2020	427,410	146,167	15,064	235,235	2,975,350	517,971	
2021	415,104	169,294	15,380	241,299	3,090,065	622,859	
2021 - Aug	416,674	162,051	15,369	226,098	3,111,310	606,730	
Sept	417,705	163,085	15,366	226,639	3,092,873	588,846	
Oct	412,353	164,785	15,391	226,798	3,096,001	613,327	
Nov	415,453	167,641	15,361	228,899	3,089,495	588,161	
Dec	415,104	169,294	15,380	241,299	3,090,065	622,859	
D00	406,652	170,359	15,386	237,234	(3,100,142)	608,195	
2022 - Jan	///// ///						

Government securities: gross yields at issue by sector and maturity

(period averages)

		BOTs		077	
	6-month	12-month	Average	CTZs	CCTs
2018	0.06	0.16	0.12	0.51	1.33
2019	-0.11	0.01	-0.06	0.27	1.33
2020	-0.23	-0.14	-0.20	0.07	0.48
2021	-0.51	-0.47	-0.49	-0.29	-0.02
2020 - Apr	0.23	0.53	0.29	1.00	0.66
May	0.01	0.25	0.10	0.44	1.38
June	-0.22	0.01	-0.10	0.10	0.53
July	-0.28	-0.12	-0.21	-0.03	0.56
Aug	-0.33	-0.19	-0.26	-0.01	0.72
Sept	-0.39	-0.23	-0.30	-0.12	0.45
Oct	-0.48	-0.44	-0.46	-0.26	0.11
Nov	-0.52	-0.48	-0.50	-0.37	0.27
Dec	-	-0.50	-0.50	-	-0.02
2021 - Jan	-0.48	-0.48	-0.48	-0.28	-
Feb	-0.43	-0.45	-0.44	-0.31	0.04
Mar	-0.49	-0.42	-0.45	-	-0.19
Apr	-0.48	-0.44	-0.46	-	-0.08
May	-0.50	-0.44	-0.47	-	-0.06
June	-0.52	-0.49	-0.50	-	-0.07
July	-0.52	-0.46	-0.49	-	0.17
Aug	-0.52	-0.51	-0.52	-	0.05
Sept	-0.54	-0.48	-0.51	-	0.03
Oct	-0.55	-0.47	-0.51	-	-0.21
Nov	-0.56	-0.53	-0.55	-	-0.01
Dec	-	-0.47	-0.47	-	0.07
2022 - Jan	-0.49	-0.44	-0.46	-	-
Feb	-0.48	-0.32	-0.40	-	0.08
Mar	-0.49	-0.44	-0.46	-	-0.10

(follow)

Government securities: gross yields at issue by sector and maturity

(period averages)

			BTPs				Index-link	ed BTPs	
_	3-year	5-year	10-year	30-year	Average	5-year	10-year	30-year	Average
ı									
2018	0.88	1.56	2.57	3.30	1.99	0.16	1.30	2.14	0.96
2019	0.72	1.16	1.94	2.93	1.48	0.73	1.38	1.49	1.36
2020	0.24	0.56	1.13	2.18	0.78	-0.23	0.84	1.77	0.50
2021	-0.24	0.12	0.74	1.73	0.28	-0.91	-0.64	0.22	-0.42
2020 - Apr	0.86	1.68	1.47	3.05	1.28	-	1.77	-	1.77
May	0.87	-	1.66	-	1.48	-	1.29	-	1.29
June	0.46	0.91	1.42	-	1.03	0.56	-	-	0.56
July	0.30	0.68	1.25	1.72	0.94	-	0.46	-	0.46
Aug	0.08	0.46	1.04	1.91	0.74	-	-	-	-
Sept	0.07	0.58	1.11	-	0.61	-	0.37	-	0.37
Oct	-0.14	0.35	0.89	1.72	0.49	-0.15	-	-	-0.15
Nov	-0.19	0.23	0.79	-	0.37	-0.84	-	-	-0.84
Dec	-0.30	0.01	0.59	-	0.13	-	-	-	-
2021 - Jan	-0.23	-	0.32	1.47	0.40	-0.62	-	-	-0.62
Feb	-0.33	0.07	0.62	-	0.31	-	-	0.18	0.18
Mar	-0.29	0.11	0.63	-	-0.07	-	-0.60	-	-0.60
Apr	-0.23	0.05	0.50	-	0.18	-0.92	-	0.39	-0.36
May	-0.20	0.17	0.86	2.06	0.47	-	-0.45	-	-0.45
June	-0.28	0.17	0.95	-	0.37	-	-	0.47	0.47
July	-0.24	0.12	0.78	-	0.21	-	-	-	-
Aug	-0.29	0.02	0.66	-	0.09	-1.20	-	-	-1.20
Sept	-0.29	-0.01	0.67	1.69	0.33	-	-0.85	-	-0.85
Oct	-0.21	0.11	0.86	1.71	0.37	-	-	-0.16	-0.16
Nov	-0.22	0.28	1.05	-	0.40	-	-0.65	-	-0.65
Dec	-0.10	0.19	1.02	-	0.30	-	-	-	-
2022 - Jan	0.01	-	1.31	2.16	0.32	-1.18	-	0.04	-0.68
Feb	0.41	0.49	1.39	-	1.02	-	-0.14	-	-
Mar	0.39	1.07	1.81	-	1.22	-	-0.29	-	-0.29

Access to data:

QMOT0100

Government securities listed on Borsa Italiana (MOT): yields to maturity, turnover and oustanding amounts

		BOTs	CTZs	CCTs	BTPs	Memo item: Rendistato	Total government securities
	·			Gross yield:	s to maturity	•	
2019 .		-0.138	0.094	1.063	1.874	1.370	1.826
2020 .		-0.231	-0.025	0.510	1.239	0.796	1.206
2021 .		-0.544	-0.450	-0.204	0.825	0.415	0.792
2021 -	Mar	-0.491	-0.393	-0.175	0.755	0.354	0.725
	Apr	-0.502	-0.397	-0.168	0.855	0.443	0.822
	May	-0.518	-0.390	-0.139	1.014	0.578	0.977
	June	-0.550	-0.436	-0.220	0.906	0.459	0.871
	July	-0.565	-0.473	-0.219	0.790	0.354	0.757
	Aug	-0.602	-0.518	-0.259	0.678	0.261	0.648
	Sept	-0.570	-0.523	-0.273	0.781	0.370	0.748
	Oct	-0.556	-0.488	-0.287	0.891	0.499	0.853
	Nov	-0.600	-0.514	-0.270	0.910	0.514	0.873
	Dec	-0.633	-0.511	-0.212	0.934	0.551	0.897
2022 -	Jan	-0.591	-0.494	-0.146	1.177	0.780	1.135
	Feb	-0.469	-0.467	-0.136	1.525	1.170	1.471
	Mar	-0.602	-0.533	-0.216	1.500	1.194	1.445
				Turnover (mil	lions of euros)		
2019 .		1.665	1,239	16,474	140,870	124,411	160,248
2020 .		578	876	10,595	133,220	111,718	145.269
		358	288	5,214	122,564	103,411	128,423
2021 -	Mar	34	29	558	11,770	9,889	12,391
	Apr	16	19	436	10,686	8,692	11,157
	May	14	38	391	10,690	8,819	11,133
	June	21	85	396	9,405	7,730	9,908
	July	22	8	386	7,373	6,287	7,789
	Aug	18	8	218	,	5,852	6,824
	Sept				6,580	•	,
	Oct	49	6	357	10,166	8,711	10,578
	Nov	31	15	268	10,998	9,524	11,312
	Dec	23	2	262	11,661	9,912	11,947
2022	Jan	68	11	296	7,208	6,143	7,583
2022 -	Feb	16	1	301	7,680	6,345	7,998
	Mar	8 10	2	410 419	9,258 10,289	7,716 8,649	9,678 10,720
		Oı	ıtstanding amou	nts of listed secu	rities at face valu	ie (millions of euro	ns)
2019 .		113,928	51,139	125,585	1,650,803	1,308,162	1,941,455
2020 .		121,282	54,480	126,551	1,779,402	1,389,913	2,081,715
2021 .		106,491	29,259	149,643	1,892,329	1,510,319	2,177,722
2021 -	Mar	122,665	59,678	129,552	1,839,370	1,448,275	2,151,265
	Apr	123,165	59,678	131,185	1,849,888	1,453,419	2,163,916
	May	122,965	·	·	1,867,543		
	June	·	58,813	132,459		1,489,418	2,181,780
	July	123,035	45,826	134,759	1,902,360	1,522,978	2,205,980
	Aug	116,548	45,826	140,759	1,902,329	1,532,086	2,205,462
	Sept	116,876	45,826	142,033	1,876,318	1,525,609	2,181,053
		116,915	45,826	144,033	1,878,549	1,504,848	2,185,323
	Oct	116,265	45,826	146,045	1,885,349	1,524,848	2,193,485
	Nov	113,391	30,627	146,770	1,884,579	1,502,569	2,175,367
0000	Dec	106,491	29,259	149,643	1,892,329	1,510,319	2,177,722
2022 -	Jan	105,954	29,259	149,643	1,914,127	1,515,605	2,198,983
	Feb	106,612	28,239	150,753	1,917,186	1,535,914	2,202,790
	Mar	105,112	28,239	157,190	1,922,083	1,539,476	2,212,624

Access to data: **QMTS0100**

Government securities listed on MTS: turnover

(millions of euros)

	BOTs	CTZs	CCTs	BTPs	Total government securities
l	I	I	l	I	
2018	353,375	76,049	88,477	582,922	1,100,979
2019	316,787	57,882	59,817	435,650	870,278
2020	627,246	133,765	81,199	949,834	1,792,199
2021	1,422,087	217,538	115,752	2,079,514	3,835,043
2020 - 1st qtr	71,162	19,195	11,696	142,302	244,394
2nd . "	148,925	26,645	12,931	205,869	394,403
3rd"	184,153	37,754	27,579	271,488	521,009
4th "	223,006	50,171	28,993	330,175	632,393
2021 - 1st qtr	298,861	56,705	26,672	456,040	838,316
2nd . "	389,039	71,618	28,476	546,101	1,035,271
3rd "	396,040	48,558	29,550	516,252	990,443
4th "	338,147	40,657	31,054	561,121	971,013
2022 - 1st qtr	318,724	38,003	32,646	522,037	911,436
2021 - Mar	120,388	20,417	9,787	178,202	328,809
Apr	98,118	18,842	9,341	160,312	286,621
May	130,378	27,883	10,388	210,955	379,614
June	160,543	24,893	8,747	174,834	369,036
July	112,810	7,886	6,953	105,545	233,206
Aug	124,506	17,982	9,192	156,791	308,487
Sept	158,724	22,690	13,405	253,916	448,750
Oct	131,168	18,715	11,891	224,426	386,208
Nov	139,700	10,891	9,974	234,371	394,950
Dec	67,279	11,051	9,189	102,324	189,855
2022 - Jan	101,713	9,940	9,221	160,844	281,723
Feb	96,435	15,353	14,256	184,840	310,893
Mar	120,576	12,710	9,169	176,353	318,820

Table 5

Access to data: QMTS0200

Government securities listed on MTS: average residual maturity and duration (end-of-period data; years)

	BOTs	CTZs	CCTs	BTPs	Total government securities
l	ı	Ave	rage residual matu	rity	
2019	0.42	0.98	3.92	7.56	6.74
2020	0.41	1.09	3.29	7.71	6.85
2021	0.44	0.56	2.89	7.79	7.00
2021 - Apr	0.42	0.83	3.00	7.93	7.00
May	0.43	0.75	2.94	7.90	6.99
June	0.43	0.85	2.89	7.84	6.98
July	0.46	0.77	3.01	7.82	6.98
Aug	0.47	0.68	2.97	7.88	7.01
Sept	0.47	0.60	2.95	7.87	7.00
Oct	0.46	0.52	2.89	7.90	7.01
Nov	0.45	0.65	2.85	7.88	7.05
Dec	0.44	0.56	2.89	7.79	7.00
2022 - Jan	0.45	0.48	2.81	7.77	6.98
Feb	0.46	0.40	2.79	7.78	6.99
Mar	0.46	0.31	2.90	7.82	7.02
			Duration		
2019	0.42	0.97	0.28	7.04	6.50
2020	0.40	1.08	0.26	7.53	6.97
2021	0.44	0.55	0.28	7.40	6.96
2021 - Apr	0.42	0.81	0.29	7.56	6.97
May	0.43	0.74	0.21	7.53	6.95
June	0.43	0.84	0.27	7.48	6.95
July	0.46	0.76	0.28	7.59	7.08
Aug	0.47	0.68	0.24	7.65	7.13
Sept	0.46	0.59	0.20	7.57	7.05
Oct	0.46	0.51	0.31	7.50	6.98
Nov	0.45	0.64	0.23	7.55	7.09
Dec	0.44	0.55	0.28	7.40	6.96
2022 - Jan	0.45	0.47	0.27	7.31	6.88
Feb	0.46	0.39	0.24	7.17	6.74
Mar	0.45	0.30	0.19	7.12	6.69

Benchmark government securities: gross yields to maturity (period averages)

		BTPs	;		0.77-	007-
	3-year	5-year	10-year	30-year	CTZs	CCTs
2018	0.930	1.615	2.610	3.419	0.555	1.357
2019	0.640	1.147	1.951	2.941	0.270	1.337
2020	0.230	0.592	1.168	2.056	0.086	0.485
2021	-0.191	0.105	0.811	1.725	-0.378	-0.030
2020 1ot atr	0.007	0.000	4.004	0.044	0.400	0.544
2020 - 1st qtr	0.297	0.633	1.261	2.214	0.136	0.514
2nd"	0.708	1.124	1.672	2.497	0.526	0.838
3rd "	0.121	0.509	1.070	1.969	-0.008	0.460
4th "	-0.207	0.102	0.671	1.543	-0.311	0.127
2021 - 1st qtr	-0.232	0.036	0.637	1.548	-0.335	-0.058
2nd"	-0.162	0.149	0.885	1.868	-0.356	-0.071
3rd "	-0.251	0.016	0.717	1.670	-0.475	0.014
4th "	-0.120	0.218	1.004	1.815	-	-0.003
2022 - 1st qtr	0.392	0.833	1.665	2.335	-	0.081
2021 - Mar	-0.227	0.052	0.704	1.638	-0.348	-0.081
Apr	-0.177	0.107	0.797	1.779	-0.344	-0.069
May	-0.107	0.231	0.984	1.973	-0.333	-0.036
June	-0.202	0.109	0.875	1.853	-0.391	-0.108
July	-0.221	0.016	0.748	1.708	-0.445	0.052
Aug	-0.282	-0.029	0.628	1.585	-0.505	0.000
Sept	-0.249	0.062	0.777	1.718	-	-0.011
Oct	-0.149	0.195	0.955	1.817	-	-0.038
Nov	-0.138	0.202	1.010	1.809	_	-0.006
Dec	-0.073	0.256	1.047	1.817	_	0.033
2022 - Jan	0.142	0.479	1.346	2.124	_	0.079
Feb	0.526	0.926	1.794	2.426	-	0.103
Mar	0.507	1.094	1.854	2.454		0.060

Access to data:

<u>GESP0100</u>

Portfolio management services: securities portfolios and total managed funds

(end-of-period market values; millions of euros)

		Italian governme	ent securities		Bond	•	Shar	- 9
		of which:		-	Dona	3	Ollai	63
	BOTs	BTPs	CCTs	Total	Italian	Foreign	Italian	Foreign
				Banl	(S			
2016	69	19,674	4,812	26,689	6,129	13,953	1,425	3,694
2017	99	16,722	3,934	21,902	6,651	14,499	1,783	4,253
2018	705	16,838	2,089	20,543	7,361	18,195	1,222	4,081
2019 - 4th qtr	706	10,680	1,227	13,803	6,625	16,523	1,052	5,028
2020 - 1st qtr	486	10,000	1,523	13,767	6,642	16,647	779	3,504
2nd"	922	10,795	1,779	14,588	6,629	16,747	922	4,179
3rd"	568	10,705	1,604	14,280	6,780	16,648	910	4,173
4th"	311	11,402	1,196	14,045	6,637	16,234	917	5,568
2021 - 1st qtr	223	10,436	1,080	12,649	6,237	15,145	968	5,704
2nd"	306	10,389	1,100	12,369	6,104	15,314	1,005	6,273
3rd"	434	10,369	1,100	12,309	6,147	15,436	1,003	6,470
4th"	(320)	(10,155)	(1,374)	(12,189)	(6,053)	-	(1,076)	(6,560
401	(320)	(10,155)	(1,374)	(12,109)	(6,053)	(15,548)	(1,076)	(6,560)
				Securities	s firms			
2016	64	950	400	1,507	841	2,978	404	939
2017	3	664	309	1,006	645	2,912	357	1,080
2018	69	334	155	614	500	2,719	463	908
2019 - 4th qtr	74	552	96	781	552	2,741	351	1,315
2020 - 1st qtr	105	533	104	810	514	2,679	278	1,134
2nd"	90	551	93	863	614	2,832	281	1,302
3rd"	78	562	99	852	635	2,773	345	1,363
4th"	64	515	63	832	716	2,589	282	1,538
2021 - 1st qtr	48	620	52	805	669	3,841	287	1,803
2nd"	60	523	65	672	696	4,270	268	1,935
3rd"	59	539	55	676	760	4,088	284	2,011
4th"	(22)	(664)	(55)	(759)	(828)	(4,138)	(277)	(2,130)
			Asse	t managemei	nt corporatio	ns		
2016	1,610	191,334	13,589	213,076	30,461	238,143	17,279	46,198
2017	1,109	188,330	14,461	210,368	28,666	248,488	18,751	36,427
2018	4,491	184,951	11,041	206,182	25,839	250,265	17,795	36,342
2019 - 4th gtr	7,260	262,877	9,505	286,961	29,017	257,054	18,673	40,399
2020 - 1st gtr	5,304	261,686	9,568	283,455	26.720	249,184	17,587	38,102
2nd"	4,702	269,057	8,916	289,890	27,202	256,940	18,078	39,060
3rd"	4,148	278,964	8,571	299,627	27,153	268,843	17,845	37,975
4th"	5,564	288,263	9,122	310,537	26,153	277,091	18,177	40,912
2021 - 1st qtr	4,507	292,644	9,204	313,581	25,645	272,061	26,835	35,151
2nd"	3,973	287,375	9,107	306,998	25,320	269,935	26,356	36,083
3rd"	4,052	279,515	9,510	299,370	25,231	272,251	26,500	36,998
4th"	(3,800)	(272,295)	(9,349)	(290,793)	(24,467)	(274,029)	(20,557)	(44,429)
				Tota	al			
2016	1,743	211,958	18,802	241,272	37,432	255,074	19,107	50,831
2017	1,211	205,716	18,703	233,276	35,962	265,900	20,890	41,761
2018	5,265	202,123	13,285	227,339	33,700	271,179	19,479	41,332
2019 - 4th qtr			10,829	301,544	36,194	276,318	20,076	46,741
•	8,040	274,109	•	,	•	-	-	
2020 - 1st qtr	5,895	273,017	11,195	298,032	33,876	268,509	18,643	42,739
2nd"	5,715	280,314	10,788	305,340	34,446	276,519	19,281	44,541
3rd"	4,795	290,431	10,275	314,759	34,569	288,264	19,099	44,085
4th"	5,938	300,180	10,382	325,415	33,505	295,914	19,376	48,017
2021 - 1st qtr	4,778	303,701	10,336	327,036	32,551	291,047	28,089	42,658
2nd"	4,339	298,288	10,272	320,039	32,120	289,518	27,629	44,291
	·	000 100	10.000	040	00 100	001	~~ - ~ ~	4- 4
3rd"	4,545 (4,142)	290,433 (283,113)	10,906 (10,777)	312,783 (303,742)	32,138 (31,348)	291,775 (293,715)	27,793 (21,910)	45,479 (53,119

(follow)

Portfolio management services: securities portfolios and total managed funds

(end-of-period market values; millions of euros)

	Investment for	und units				Memorando	um items:
	Italian	Foreign	Other financial assets	Total portfolio	Total managed funds	Gross inflow	Net inflow
				Banks		İ	
2016	2,012	59,730	289	113,920	120,770	27,324	-104
2017	2,139	69,351	499	121,077	127,559	28,773	4,410
2018	1,120	61,682	338	114,542	120,618	22,847	-386
	•	-		•	•	•	
2019 - 4th qtr	1,531	65,401	475	110,437	116,104	5,573	559
2020 - 1st qtr	1,400	57,260	288	100,286	106,749	6,550	-102
2nd"	1,390	62,799	396	107,650	113,098	3,878	332
3rd"	1,434	64,957	460 397	110,215	115,641	4,662	703
	1,639 1,968	68,383 63,124	1,048	113,819 106,843	119,463	8,478 9,071	-1,017 2,155
2021 - 1st qtr 2nd"	1,966 2,142	65,525	1,046	110,641	112,572 116,752	7,409	1,608
3rd"	2,142 2,284	66,857	2,137	113,077	110,752	6,444	1,418
4th"	(2,637)	(68,259)	(2,769)	(115,091)	(121,628)	(7,162)	(1,469)
101	(2,001)	(00,200)	(2,700)	(110,001)	(121,020)	(1,102)	(1,100)
				ecurities firms			
2016	882	6,341	12	13,903	15,511	2,343	-536
2017	564	7,575	1	14,141	15,370	3,634	278
2018	444	6,085	-34	11,698	13,223	3,115	-385
2019 - 4th qtr	376	7,250	-21	13,345	14,823	760	111
2020 - 1st qtr	452	5,956	44	11,867	13,380	833	-58
2nd"	406	6,481	12	12,791	14,250	736	283
3rd"	337	6,546	-32	12,819	14,194	292	-150
4th"	341	7,042	-34	13,306	14,687	447	-51
2021 - 1st qtr	330	7,327	672	15,733	17,147	2,869	2,196
2nd"	321	7,264	876	16,303	17,661	1,083	415
3rd"	322	7,769	817	16,728	18,322	1,356	575
4th"	(321)	(7,891)	(857)	(17,201)	(18,914)	(1,331)	(745)
			Asset mar	nagement corp	oorations		
2016	13,301	147,829	32	706,319	716,776	98,138	19,101
2017	13,645	152,530	135	709,011	715,608	90,612	-193
2018	15,620	147,047	-30	699,061	706,030	97,536	5,313
2019 - 4th qtr	17,642	174,218	-4,950	819,013	837,831	45,048	6,944
2020 - 1st qtr	17,775	164,711	-5,863	791,670	810,599	36,380	1,194
2nd"	18,004	178,825	-7,144	820,855	837,285	42,271	-5,759
3rd"	18,505	184,884	-7,886	846,945	864,598	32,393	3,461
4th"	19,899	173,521	-7,837	858,453	878,707	49,050	-17,351
2021 - 1st qtr	20,629	185,255	-5,050	874,984	890,298	41,579	6,272
2nd"	21,468	192,879	-5,667	873,742	891,501	33,515	456
3rd"	22,259	198,196	-4,389	876,792	895,605	34,989	155
4th"	(24,909)	(203,719)	(-5,854)	(877,440)	(898,862)	(55,387)	(7,438)
				Total			
2016	16,195	213,900	332	834,143	853,057	127,804	18,459
2017	16,348	229,456	635	844,229	858,537	123,017	4,497
2018	17,185	214,814	273	825,302	839,872	123,498	4,542
						•	
2019 - 4th qtr	19,549	246,869	-4,496	942,795	968,758	51,380	7,614
2020 - 1st qtr	19,627	227,927	-5,530	903,823	930,729	43,763	1,034
2nd"	19,801	248,106	-6,736	941,296	964,633	46,886	-5,144
3rd"	20,276	256,387	-7,458	969,979	994,433	37,347	4,014
4th"	21,879	248,945	-7,475 2,220	985,578	1,012,857	57,975 53,510	-18,419
2021 - 1st qtr	22,927	255,705	-3,330	997,560	1,020,017	53,519	10,622
2nd"	23,932	265,668	-2,882	1,000,686	1,025,914	42,007	2,478
3rd" 4th"	24,865 (27,866)	272,822 (279,869)	-1,435	1,006,597	1,033,342	42,789	2,148 (9,652)
		1274 XKU)	(-2,227)	(1,009,732)	(1,039,404)	(63,881)	14 6521

Open-end funds under Italian law: assets, liabilities and net assets

(end-of-period stocks at market value; millions of euros)

	2018	2019	2020	2021 Aug.	2021 Sept.	2021 Oct.	2021 Nov.	2021 Dec.	2022 Jan.	2022 Feb
					Ass	sets				
I. Deposits and loans	21,573	20,575	17,789	20,263	18,699	20,426	21,027	20,238	20,067	(20,65
2. Securities issued by residents	68,270	67,174	62,552	58,676	58,312	57,354	56,847	57,045	56,276	(55,77
2.1 of which: General government	53,425	51,314	45,242	41,421	41,063	40,073	39,508	39,517	38,814	(38,79
2.1a BOTs	8,316	12,825	13,790	10,500	10,128	9,263	9,002	8,736	7,793	(7,19
2.1b CTZs	4,160	4,167	3,300	1,981	1,967	1,838	1,258	1,343	1,165	(1,01
2.1c CCTs	1,883	1,246	877	1,233	1,253	1,323	1,279	1,323	1,301	(1,33
2.1d BTPs	38,691	32,395	26,616	26,793	26,797	26,737	27,023	27,136	27,577	(28,28
2.1e Other gov. securities	374	681	658	914	918	914	946	979	978	(95
2.2of which: Non-financial corporations	5,513	5,313	6,123	6,670	6,800	6,929	7,026	7,036	6,950	(6,77
2.3 of which: Banks	7,040	8,448	8,842	8,169	8,027	7,907	7,880	8,087	8,157	(7,99
2.4 of which: Other financial intermediaries	2,292	2,099	2,345	2,417	2,421	2,445	2,433	2,406	2,356	(2,21
3. Securities issued by non-residents.	57,516	61,098	60,590	67,126	68,375	68,248	68,278	68,304	68,327	(66,23
3.1 of which: General government	25,503	27,438	24,385	26,454	26,842	26,907	26,961	27,182	26,942	(26,0
1. Shares	36,409	41,367	43,284	51,305	49,804	53,627	53,292	56,245	54,637	(52,4
4.1 Issued by residents	8,938	10,307	9,773	11,386	11,146	11,564	11,072	11,648	11,025	(10,3
4.1a of which: quoted	8,592	10,016	9,575	11,359	11,119	11,520	11,045	11,621	10,994	(10,36
4.2 Issued by non-residents	27,471	31,060	33,511	39,919	38,658	42,064	42,220	44,597	43,612	(42,09
5. Investment fund units	56,897	60,019	61,929	62,554	62,058	62,313	62,371	63,382	61,714	(59,8
5.1 Issued by residents	9,684	10,923	11,195	11,401	11,414	11,434	11,526	11,630	11,352	(11,04
5.2 Issued by non-residents	47,213	49,096	50,733	51,153	50,643	50,879	50,844	51,752	50,362	(48,8
6. Other financial assets	45,335	40,947	36,989	45,279	40,657	41,626	49,339	40,676	45,864	(51,72
otal	286,000	291,180	283,133	305,202	297,905	303,594	311,154	305,891	306,885	(306,78
					Liab	ilities				
3. Deposits and loans	772	880	792	803	1,015	1,166	1,121	973	1,225	(1,3
9. Other liabilities	43,268	39,738	35,824	44,248	38,765	41,269	48,684	39,812	45,678	(51,12
10. Net assets	241,960	250,562	246,518	260,152	258,125	261,160	261,349	265,106	259,982	(254,2

Open-end funds under Italian law: assets, liabilities and net subscriptions

(transactions; millions of euros)

	2019	2020	2021	2021 Aug.	2021 Sept.	2021 Oct.	2021 Nov.	2021 Dec.	2022 Jan.	2022 Feb.	
	Assets										
1. Deposits and loans	-1,104	-2,585	2,309	756	-1,563	1,707	586	-850	-151	(606)	
2. Securities issued by residents	-3,082	-4,539	-3,899	-1,052	251	-300	-548	228	-379	(815	
2.1 General government	-3,564	-6,211	-4,693	-1,008	146	-481	-741	76	-568	(811	
2.1a BOTs	4,209	2,328	-4,155	-485	-133	-696	-241	-263	-888	(-155	
2.1b CTZs	139	-343	-1,909	32	-13	-116	-579	85	-177	(-127	
2.1c CCTs	-752	-333	471	20	19	74	-46	47	-22	(37	
2.1d BTPs	-7,215	-5,025	1,696	-561	275	245	111	370	504	(1,061	
2.1e Other gov. securities	57	-2,841	-796	-14	-1	12	14	-163	15	(-5)	
2.2 Non-financial corporations	-446	836	993	10	155	184	124	-24	19	(49	
2.3 Banks	1,001	445	-548	-62	-61	-56	52	173	185	(13	
2.4 Other financial intermediaries	-71	389	352	8	12	53	18	3	-15	(-58	
3. Securities issued by non-residents.	1,891	2,105	9,488	560	1,870	478	-56	272	1,055	(-250)	
3.1 of which: General government	590	-751	3,260	137	564	214	-277	416	83	(-225	
4. Shares	-3,483	1,713	1,221	-185	927	234	516	555	449	(-201	
4.1 Issued by residents	-582	58	-700	-42	-17	-25	2	-25	-216	(-112)	
4.1a of which: quoted	-401	346	-570	-4	8	-41	2	-18	-219	(-111	
4.2 Issued by non-residents	-2,899	1,654	1,920	-142	943	259	514	579	665	(-89	
5. Investment fund units	-1,666	1,200	-2,524	-135	-34	-160	15	380	-85	(-517)	
5.1 Issued by residents	682	222	-89	-33	42	28	30	131	106	(-125	
5.2 Issued by non-residents	-2,343	975	-2,435	-102	-76	-188	-15	250	-191	(-393	
6. Other financial assets	-4,754	-7,558	3,517	3,707	-6,018	1,566	7,929	-8,210	5,140	(5,132)	
Total	-12,192	-9,661	10,111	3,651	-4,567	3,525	8,442	-7,626	6,030	(5,584)	
	Liabilities										
8. Deposits and loans	103	-75	167	-175	213	147	-47	-152	255	(158	
9. Other liabilities	-2,348	-4,381	3,315	3,201	-5,162	2,356	7,313	-8,666	5,866	(5,181)	
10. Net subscriptions	-9,948	-5,205	6,631	626	381	1,023	1,176	1,193	-92	(246)	
. Total	-12,192	-9,661	10,111	3,651	-4,567	3,525	8,442	-7,626	6,030	(5,584)	

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Italian market of investment funds: net assets and net subscriptions

(millions of euros)

(ITIIIIOTIS OF CUTOS)												
	2019	2020	2021	2020-Q2	2020-Q3	2020-Q4	2021-Q1	2021-Q2	2021-Q3	2021-Q4		
	Net assets											
Investment funds of resident intermediaries (*)	528,755	550,411	(607,166)	517,214	526,933	550,411	562,464	579,722	587,812	(607,166)		
Investment fundsunder Italian law (*)	339,365	345,611	375,764	328,327	328,823	345,611	349,234	360,255	360,083	375,764		
2.1 Open-end funds(*)	252,141	248,395	265,106	239,857	240,353	248,395	252,018	258,297	258,124	265,106		
2.1a monetary funds	1,579	1,877	-	2,355	2,327	1,877	1,992	1,807	-	-		
2.1b equity funds	23,391	23,611	30,520	19,958	20,975	23,611	25,741	27,383	27,895	30,520		
2.1c bond funds	100,240	101,456	102,202	96,858	97,493	101,456	101,421	102,073	102,043	102,202		
2.1d mixed funds	119,749	114,713	124,752	114,012	112,874	114,713	116,027	119,988	120,970	124,752		
2.1e hedge funds	7,183	6,738	7,632	6,674	6,684	6,738	6,835	7,046	7,217	7,632		
2.2 Close-end funds	87,224	97,216	110,657	88,470	88,470	97,216	97,216	101,958	101,958	110,657		
2.2a real estate funds	64,337	71,278	78,861	65,183	65,183	71,278	71,278	73,413	73,413	78,861		
2.2b equity funds	22,887	25,938	21,363	23,287	23,287	25,938	25,938	28,545	28,545	21,363		
2.2c hedge funds												
2.2d others			10,434							10,434		
3. Investment funds	189,390	204,800	(231,402)	188,887	198,110	204,800	213,230	219,467	227,729	(231,402)		
under foreign law4. Investment funds of non-resident intermediaries	656,812	707,918	(810,593)	635,244	661,444	707,918	737,185	772,424	778,647	(810,593)		
5. Total (*)	1,185,567	1,258,329	(1,417,759)	1,152,458	1,188,377	1,258,329	1,299,649	1,352,146	1,366,459	(1,417,759)		
				I	Net subso	criptions						
Investment funds of resident intermediaries (*)	4,270	17,913	(30,648)	12,258	6,033	7,128	6,961	7,292	7,291	(9,104)		
Investment funds under Italian law (*)	-4,316	5,389	(13,995)	2,764	-1,739	6,987	-360	4,558	1,390	(8,407)		
2.1 Open-end funds (*)	-11,707	-4,907	(6,561)	-54	-1,739	-491	-360	2,139	1,390	(3,392)		
2.1a monetary funds	-1,760	299	-	55	-28	-450	115	-186	-	-		
2.1b equity funds	-1,192	112	(1,243)	297	578	398	-148	354	264	(773)		
2.1c bond funds	-4,080	-572	(-298)	-132	-611	1,121	-182	-183	-75	(142)		
2.1d mixed funds	-4,724	-4,249	(5,507)	-124	-1,773	-1,491	-160	2,190	1,201	(2,276)		
2.1e hedge funds	47	-495	(182)	-148	95	-69	16	-36	1	(201)		
2.2 Close-end funds	7,391	10,296	7,433	2,818		7,478		2,419		5,014		
2.2a real estate funds	5,468	7,473	4,594	1,914		5,559		1,457		3,137		
2.2b equity funds	1,923	2,823	2,217	904		1,919		962		1,255		
2.2c hedge funds												
2.2d others			622							622		
3. Investment funds	8,586	12,524	(16,653)	9,494	7,772	141	7,321	2,734	5,901	(697)		
under foreign law4. Investment funds of non-resident intermediaries	6,046	18,782	(51,000)	6,254	4,183	13,354	12,760	13,802	10,766	(13,672)		
5. Total (*)	10,318	36,695	(81,648)	18,512	10,216	20,482	19,721	21,094	18,057	(22,776)		
(*) Starting from the third quarter of 2021, one							•	-1,004	.0,007	(,110)		

^(*) Starting from the third quarter of 2021, open-end money market funds under Italian law are not included (see the note to the table).

Notes to the tables

This section describes the methods and sources of the statistics published in the report. The notes are ordered according to the code of the tables and are organized according to their content.

BMK0100 - Benchmark government securities: gross yields to maturity

The monthly figures are simple averages of the daily data available in table BMK0200 of the Statistical Database (BDS).

The data refer to the securities traded on MTS. The benchmark security for each category is the last security issued from the time it becomes the most heavily traded security.

The method used to compute the yields is described in the note to table QMOT0100.

Pursuant to the suspension of the placements of the Treasury zero-coupon bonds (CTZs) decided by the Ministry of Economy and Finance in March 2021, the update of the time series of the gross yield to maturity of the benchmark for this category ends with the calculation of the figure for August 2021.

BSFC0100 - Open-end funds under Italian law: assets, liabilities and net assets

The table shows the statistical balance sheet of the stocks at market value of the main assets and liabilities of Italian open-end investment funds established by Italian financial intermediaries. Data also include Italian open-end funds established by financial intermediaries resident in other EU member states that have an EU management company passport, as well as funds of funds. Money market funds are not included.

The statistics follow the harmonized Eurosystem methodology and are consistent with the definitions of ESA 2010. The collection and compilation of the statistics on investment funds are governed by Regulation ECB/2013/38.

The items "other financial assets" and "other liabilities" represent a residual category and include all those items not classified in other categories. In particular, they include the interest accrued but not yet paid on deposits and loans, as well as financial derivatives.

Apart from the transactions in table BSFC0200, changes in stocks may arise from price adjustments, exchange rate variations (in the case of instruments denominated in foreign currency) or statistical reclassifications.

BSFC0200 - Open-end funds under Italian law: assets, liabilities and net subscriptions

The table shows the statistical balance sheet of the transactions at market value of the main assets and liabilities of Italian open-end investment funds established by Italian financial intermediaries. Data also include Italian open-end funds established by financial intermediaries resident in other EU member states that have an EU management company passport, as well as funds of funds. Money market funds are not included.

The statistics follow the harmonized Eurosystem methodology and are consistent with the definitions of ESA 2010. The collection and compilation of the statistics on investment funds are governed by Regulation ECB/2013/38.

The transactions refer to net purchases of assets and net increases in liabilities during the reference period.

The items "other financial assets" and "other liabilities" represent a residual category and include all those items not classified in other categories. In particular, they include the interest accrued but not paid on deposits and loans, as well as financial derivatives.

BSFC0300 - Italian market of investments funds: net assets and net subscriptions

The table shows the time series of net assets and net subscriptions of investment funds established by Italian financial intermediaries and of investment funds established by foreign financial intermediaries marketed in Italy.

The investment funds established by Italian intermediaries include those issued by intermediaries resident in other EU member states that have an EU management company passport.

The statistics on Italian investment funds issued by Italian intermediaries follow the harmonized Eurosystem methodology and are governed by Regulation ECB/2013/38.

The data on the foreign investment funds of Italian intermediaries and on the investment funds of foreign intermediaries is sourced from the online database of Assogestioni, the association of the Italian investment management industry. The figures for subscriptions and net assets of foreign investment funds marketed by foreign entities only refer to the share relating to Italian investors; however, when they make up the prevalent share, the data refer to the fund's total results.

Italian investment funds issued by Italian intermediaries are categorized according to the Eurosystem's classification method based on the type of investment most prevalent in the fund.

The item "Net subscriptions" is equivalent to the issues of new shares net of redemptions and does not reflect variations in stocks arising from revaluations and reclassifications.

Data on Italian closed-end funds are available half-yearly; for this type of fund, six-monthly data on net assets and net subscriptions are attributed to the second and fourth quarter of the reference year. The data on net assets at the end of the first and third quarters of each year is set equal to that of the previous quarter, while the figure for net subscriptions is set equal to zero.

Starting from September 2021, the number of reporting money market funds fell below the threshold required to comply with the statistical confidentiality principle. Therefore, it is not possible to publish the data on the 'Net assets' and 'Net subscriptions' to these funds in Table 10 (*direct confidentiality*). Starting from the third quarter of 2021, the data for the 'Totals' followed by an asterisk are therefore calculated excluding money market funds. Consequently, the monthly series of money market funds available in the BDS are updated until August 2021.

Following the revision of the classification criteria for Italian closed-end funds, as of December 2021, the data on some closed-end 'equity' funds are now classified in the closed-end funds category 'other'. Net inflows do not incorporate this reclassification.

GESP0100 - Portfolio management services: securities portfolios and total managed funds

For each type of intermediary considered, the data refer exclusively to the portfolios managed on an individual basis. Starting from the fourth quarter of 2000, stocks of BTPs at market prices held by portfolio management services managed by banks, securities firms and asset management companies include the stripped component and the coupons for securities subject to coupon stripping; previously these coupons were included only in the total of Italian government securities. The data on Italian bonds include Italian public sector securities other than Italian government securities. The data on foreign bonds include foreign public sector securities. "Other financial assets" consist primarily of derivative instruments, pre-emption rights and warrants. As of report no. 60 of 15 November 2011, data on portfolio

management services managed by asset management companies have been revised, notably for the geographical breakdown of bonds and shares and for the item "Other financial assets". Fourth quarter 2012 stock data on asset management companies' securities portfolios and the funds under the management of their portfolio services show discontinuities due to the reorganization of a major insurance group, which almost entirely explains the changes from the previous quarter. Gross and net inflow data are not affected by this reclassification. Generally, whenever possible, the data on inflow do not comprise acquisitions and disposals of assets under management between intermediaries, which are mainly related to transformations and mergers.

QMOT0100 - Government securities listed on Borsa Italiana (MOT): yields to maturity, turnover and outstanding amounts

The MOT is the electronic bond market run by Borsa Italiana on which government securities and non-convertible bonds are traded.

BTPs include index-linked BTPs and BTPs Futura.

The figure for "Government securities - Rendistato" refers to BTPs with a residual maturity of more than one year; index-linked BTPs are excluded. Until 1 October 1995 it also referred to bonds subject to taxation issued by autonomous government agencies, public entities and local authorities, with a residual maturity of more than one year.

For more information on the calculation criteria and the yields for each residual maturity category see https://www.bancaditalia.it/compiti/operazioni-mef/rendistato-rendiob/index.html.

The yields to maturity are calculated on the basis of the cum-coupon prices listed on Borsa Italiana. The monthly data are arithmetic means of daily data. The daily yields are calculated by weighing the yields of individual issues on the basis of the face value outstanding.

The yields of CCTs issued until 31 December 1994 were calculated by assuming that the coupons whose value had not been determined were equal to the coupon obtained with reference to the last four auctions of BOTs for which the results were known. For CCTs issued from January 1995, the yield is calculated by assuming that the coupons whose value has not been determined are equal to the coupon obtained with reference to the last auction of 6-month BOTs or to the 6-month Euribor observed on the second business day before the first accrual day of the coupon.

The algorithm used to compute yields is based on an iterative process for the solution of an equation in which the unknown variable is the effective yield itself, i.e. the discount rate that equalizes the present value of the future instalments of the bond and the related cum-coupon price.

The following conventions are incorporated in the algorithm for computing yields:

- as of the coupon that starts to mature on 1 January 1999, the calculation of accrued interest for coupon securities is based on the calendar year instead of the business year;
- for BOTs issued as of 1 January 1999 the yield calculation is based on "actual days/360" instead of "actual days/365"; for CTZs it continues to be based on actual days/365;
- the date for computing yields is the actual settlement date (the second working day subsequent to the trade date);
 - where the maturity date of a flow is a non-working day, it is shifted to the next working day;
 - interest is compounded for each coupon period or fraction thereof;

- until 31 December 1996, in computing gross yields, interest payable and the nominal redemption value of securities are reduced, respectively, by the tax credit in respect of the interest and the issue discount accrued at the settlement date of the security;
- until 31 December 1996, in computing gross yields, the cum-coupon price of securities is calculated by summing the ex-coupon price and the interest accrued at the settlement date net of the 12.5% withholding tax; as of 1 January 1997, the gross interest accrued is used.

QMTS0100 - Government securities listed on MTS: turnover

MTS is the regulated wholesale market in government securities, comprising three segments: cash (spot trades), repo and coupon stripping.

The monthly, quarterly and annual figures are computed as the sum of the daily data available in the Statistical Database (BDS).

In the past, the figure for total turnover on MTS may have differed from the sum of the components owing to the amounts recorded in trading in securities other than those published (for example, Cassa depositi e prestiti SpA bonds and CTEs). Any current discrepancies are due to rounding.

QMTS0200 - Government securities listed on MTS: average residual maturity and duration

The statistics published in the table refer to government securities listed on MTS, the regulated wholesale market in government securities; in particular, BTPs Italia and BTPs Futura are not listed and trading is concentrated on a small number of securities.

The values refer to the last trading day of each month.

The average residual maturity of each segment is obtained by weighting the time remaining to maturity of each security on the basis of the face value outstanding.

The (Macaulay) duration of fixed rate securities is calculated as the weighted average of the intervals between the observation date and those of the future payments of coupons and principal, where the weights are equal to the discounted value of the payments as a ratio to the price of the security; for CCTs, the duration is equal to the time to the payment date of the next coupon. The figures for the segments and the total are obtained by weighting the durations of the securities on the basis of the market value outstanding.

The duration for total government securities does not include that of CCTs.

RTIT0100 - Government securities: gross yields at issue by sector and maturity

Yields are calculated as a quantity-weighted average of the compound allotment rates, gross of withholding tax, in the auctions settled in the month indicated. The series reflect the changes made to the auction methods (frequency and number of auctions; auction placement method). The securities are classified according to their original maturity. The BTPs Futura are not included. For the BTP Italia series, the definitive real annual coupon rate is communicated by the Ministry for Economy and Finance (MEF) in the press release on the results of the placement. The average yield for ordinary BTPs does not include those allotted monthly to specialist operators only. The average yield for index-linked BTPs does not include BTP Italia.

Monthly statistics on auctions of government securities are available in the tables TDEE0120 and BOT0100 (BOTs), TDEE0121 (CTZs), TDEE0122 (CCTs) and TDEE0123 (BTPs) of the BDS database.

Further information on the categories of government securities, tax treatment and auction methods are available on the MEF website at http://www.dt.mef.gov.it/en/debito pubblico/titoli di stato/.

VALM0100 - Securities issued by residents

The data in the table refer to securities issued by residents.

Securities issued by central government

Index-linked BTPs include the BTP Italia series. BTPs include the BTP Futura series.

Starting from the data for May 2021, the stocks of BTPs include the tranches issued by the Ministry of Economy and Finance aimed at establishing its own securities portfolio, to be used exclusively for repo operations; these tranches are not included in the data on issues.

The international securities are issued by the Republic of Italy on global capital markets. They are issued in euros and in foreign currency and are subscribed by institutional investors. They take the form of global bond and medium-term notes and commercial paper. The proceeds of the issues in foreign currencies are normally converted into euros via swaps. Accordingly the stock of debt is calculated by taking account of the equivalent amounts in euros stemming from any swap transactions.

The total includes the securities issued for the repayment of previous debts.

Securities issued by general government

These comprise securities issued by former autonomous government agencies that the State is obliged to redeem and those issued by Infrastrutture SpA to fund high-speed railway investments. This category of securities has contracted.

Securities issued by banks

Since October 2007 bonds issued by banks comprise those issued by Cassa depositi e prestiti SpA.

The data on covered bonds are available in the Statistical Database (BDS).

Securities issued by non-financial corporations

The January 2012 stocks show a statistical break owing to the adoption of the new classification for institutional sectors introduced under the European System of National and Regional Accounts (ESA 2010), which amongst other things resulted in the reclassification of holding companies from the "non-financial corporations" sector to "other financial intermediaries". Issues and redemptions are given net of this change.

Securities issued by other financial intermediaries

The January 2012 stocks show a statistical break owing to the adoption of the new classification for institutional sectors introduced under ESA 2010. Issues and redemptions are given net of this change.

The statistics on securities issued by financial vehicle corporations engaged in securitisation are available on a quarterly basis and published in the BDS.

Listed shares

The statistics on listed shares are calculated on the basis of information obtained from the Bank of Italy's Securities Database. The data refer to the shares of companies established under Italian law that are listed on Borsa Italiana and foreign markets and exclude shares of companies established under foreign law that are nonetheless listed on Borsa Italiana. Prior to October 2013, these statistics were obtained from the data published by Borsa Italiana, which included companies established under foreign law listed in Italy and excluded companies established under

Italian law listed on foreign markets. In contrast to Borsa Italiana, the Securities Database records the capital increases related to the exercise of pre-emption rights in the month in which transactions are carried out. Until November 2020, the data include only shares listed on regulated markets; starting from December 2020, the data include shares listed on Italian and European Multilateral Trading Facilities. The inclusion almost wholly explains the changes in the stocks from the previous month, while the data on issues and redemptions are unaffected.

Gross issues

Save for shares, which are expressed at market value, gross issues are computed at face value. The international securities are converted at the exchange rate obtaining on the issue date. Securities issued for bond conversions are included. In December 2002 the gross issues of BTPs include the securities with a total face value of 15,416 million assigned to the Bank of Italy in the government bond conversion which involved the early redemption of the BTPs held by the Bank of Italy with a total face value of 39,357 million issued in November 1994 to consolidate the overdraft on the Treasury's current account with the Bank of Italy.

Redemptions

The face value of the securities redeemed, including those redeemed early. International securities are converted at the exchange rate obtaining on the maturity date. Early redemptions of BTPs held at the Bank of Italy, for a total face value of 39,357 million, as part of the government bond conversion that took place in December 2002, are included among the redemptions for total government securities and not in the redemptions for BTPs since the securities in guestion were not issued at market conditions.

Net issues

The difference between the face value of the securities placed, net of issue discounts, and the face value of the securities redeemed. For BOTs, the difference between the face value of issues and redemptions.

Possible discrepancies in totals are due to rounding.

Starting from the report of 15 June 2018, the statistics on issues, redemptions and stocks of securities have been revised owing to modifications in the calculation methods adopted in case of changes in the sector of economic activity and residence of the issuer, type of interest rate, original duration, and currency (the classification attributes). Pursuant to the rules set out in ECB Guideline No. 43 of 6 November 2014, the new methodology establishes that changes in the attributes that occur during the life of a security produce a break in the data on stocks, but do not affect those on issues and redemptions. Previously, changes in the attributes were applied retrospectively (back to the date of issue of the security), thereby preserving the consistency between the stocks and the corresponding flows. The revisions mainly concern securities issued by non-financial corporations and other financial intermediaries and go back to January 2012.

