

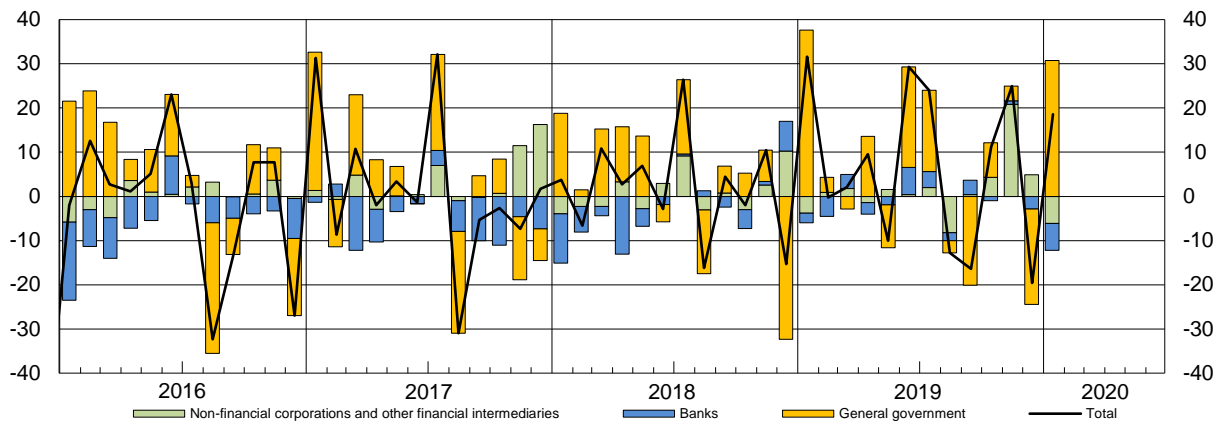
# The Financial Market

16 March 2020

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[www.bancaditalia.it/statistiche/index.html](http://www.bancaditalia.it/statistiche/index.html)

Figure 1

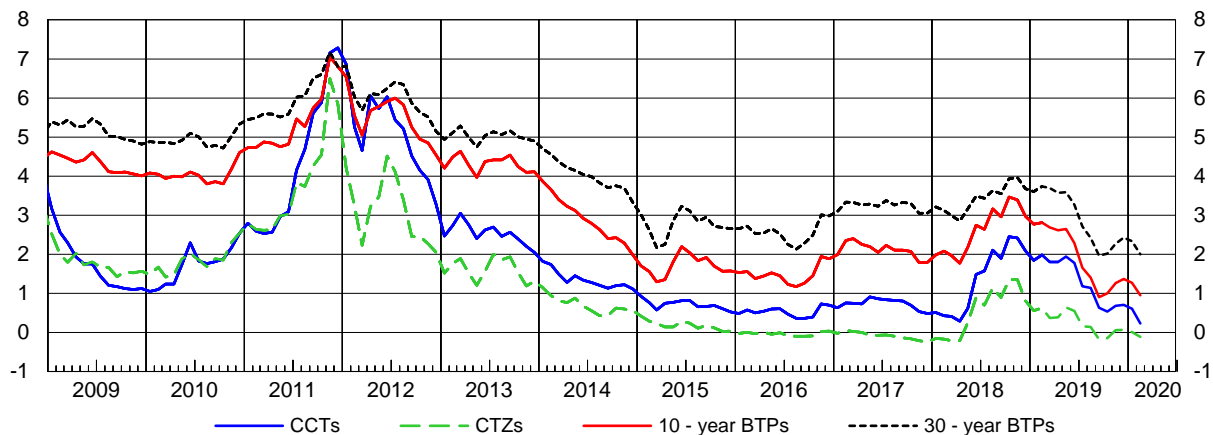
## Net bond issues by issuer (billions of euros)



In January general government bond issues were positive at €30.8 billion, an outcome to which BTPs, BOTs and CTZs contributed (€20.6, €5.8 and €4.4 billion, respectively). Banks' net bond issues were negative at €6.1 billion. The net issues of the remaining sectors were -€6.1 billion, with non-financial corporations and other financial intermediaries contributing -€0.7 and -€5.4 billion, respectively. Overall, the resident sectors recorded net bond issues of €18.6 billion.

Figure 2

## Yields on benchmark government securities (per cent)



In February the gross yields to maturity on 10-year and 30-year benchmark BTPs decreased by 31 and 34 basis points, to 0.96 and 2.00 per cent respectively. The yields on benchmark CCTs decreased by 37 basis points to 0.24 per cent, while that on CTZs decreased by 12 basis points to -0.11 per cent.

Reference period: January – February 2020

## 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.

*Access to data in BDS:*

Table 1	- Securities issued by residents	<a href="#">VALM0100</a>
Table 2	- Government securities: gross yields at issue by sector and maturity	<a href="#">RTIT0100</a>
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*Tables available only on BDS*

- Government securities: composition by type of security	<a href="#">VALM0200</a>
- Benchmark government securities: gross yields to maturity (daily data)	<a href="#">BMK0200</a>
- Features of Treasury bills (BOTs)	<a href="#">TDEE0120</a>
- Features of Treasury zero-coupon bonds (CTZs)	<a href="#">TDEE0121</a>
- Features of variable rate Treasury credit certificates (CCTs)	<a href="#">TDEE0122</a>
- Features of the main government securities: Treasury bonds (BTPs)	<a href="#">TDEE0123</a>
- Buy back of Treasury bonds (BTPs)	<a href="#">TDEE0130</a>
- Buy back of variable rate Treasury credit certificates (CCTs)	<a href="#">TDEE0135</a>
- BOT auctions	<a href="#">BOT0100</a>

**Securities issued by residents***(millions of euros)*

	Debt securities issued by General government								Local government	Total
	Central government							Total		
	BOTs	CTZs	CCTs	BTPs	Index-linked BTPs	International securities				
<b>Gross issues</b>										
2017 .....	151,601	28,660	31,923	185,630	29,246	..	427,059	469	427,528	
2018 .....	151,653	29,169	23,863	169,754	26,539	..	400,977	..	400,977	
2019 .....	160,839	31,156	14,771	179,442	20,621	(7,300)	(414,129)	..	(414,129)	
2019 - July.....	13,650	2,300	1,150	14,329	1,253	(..)	(32,681)	..	(32,681)	
Aug.....	13,750	2,300	1,280	6,900	..	(..)	(24,230)	..	(24,230)	
Sept.....	14,300	1,598	1,150	14,976	450	(..)	(32,473)	..	(32,473)	
Oct.....	13,750	3,000	841	14,455	10,750	(6,299)	(49,096)	..	(49,096)	
Nov.....	12,334	2,013	863	13,672	660	(..)	(29,541)	..	(29,541)	
Dec.....	6,072	..	750	5,000	..	(800)	(12,622)	..	(12,622)	
2020 - Jan.....	20,000	4,359	..	19,102	1,438	(..)	(44,898)	..	(44,898)	
<b>Redemptions</b>										
2017 .....	152,113	27,574	33,694	117,444	53,169	3,487	387,675	1,606	389,280	
2018 .....	150,801	24,270	27,923	129,580	15,227	3,705	351,555	1,179	352,734	
2019 .....	154,363	25,608	18,061	147,966	18,292	(3,074)	(367,415)	1,067	(369,231)	
2019 - July.....	13,750	..	..	..	..	(246)	(13,996)	39	(14,785)	
Aug.....	12,000	..	..	14,617	..	(1,000)	(27,617)	20	(27,636)	
Sept.....	13,200	..	..	24,176	16,410	(251)	(54,037)	38	(54,075)	
Oct.....	12,600	13,326	540	14,623	1,045	(193)	(42,327)	21	(42,348)	
Nov.....	12,310	366	13,594	470	..	(..)	(26,740)	151	(26,890)	
Dec.....	12,650	1,394	2,218	17,382	..	(222)	(33,866)	329	(34,194)	
2020 - Jan.....	14,200	..	..	..	..	(..)	(14,200)	39	(14,239)	
<b>Net issues</b>										
2017 .....	-512	1,152	-1,824	72,505	-23,607	-3,466	44,054	-1,137	42,917	
2018 .....	852	4,652	-5,139	39,177	11,440	-3,500	47,432	-1,179	46,253	
2019 .....	6,476	5,336	-3,304	36,609	2,488	(4,243)	(51,798)	-1,067	(49,981)	
2019 - July.....	-100	2,298	1,150	14,791	1,282	(-226)	(19,196)	-39	(18,407)	
Aug.....	1,750	2,300	1,288	-7,073	..	(-1,000)	(-2,736)	-20	(-2,756)	
Sept.....	1,100	1,604	1,196	-7,869	-15,787	(-292)	(-20,048)	-38	(-20,087)	
Oct.....	1,150	-10,319	346	817	9,690	(6,190)	(7,873)	-21	(7,852)	
Nov.....	24	1,648	-12,722	13,665	858	(..)	(3,473)	-151	(3,322)	
Dec.....	-6,578	-1,394	-1,437	-12,397	..	(556)	(-21,250)	-329	(-21,579)	
2020 - Jan.....	5,800	4,366	..	19,191	1,466	(..)	(30,823)	-39	(30,784)	
<b>Outstanding amounts at end of period</b>										
2017 .....	106,601	40,692	132,936	1,368,366	200,367	35,914	1,885,239	19,293	1,912,982	
2018 .....	107,453	45,591	128,876	1,408,540	211,680	32,565	1,935,018	18,134	1,961,602	
2019 .....	113,929	51,139	125,586	1,440,016	214,008	(37,664)	(1,982,606)	17,126	(2,007,431)	
2019 - July.....	116,483	57,315	137,054	1,456,281	219,603	(31,910)	(2,018,909)	17,688	(2,044,297)	
Aug.....	118,233	59,615	138,334	1,448,564	219,603	(30,943)	(2,015,555)	17,673	(2,040,928)	
Sept.....	119,333	61,213	139,484	1,439,363	203,643	(30,660)	(1,993,960)	17,641	(2,019,301)	
Oct.....	120,483	50,887	139,785	1,439,196	213,348	(36,815)	(2,000,778)	17,608	(2,026,086)	
Nov.....	120,507	52,533	127,054	1,452,398	214,008	(36,861)	(2,003,625)	17,465	(2,028,790)	
Dec.....	113,929	51,139	125,586	1,440,016	214,008	(37,664)	(1,982,606)	17,126	(2,007,431)	
2020 - Jan.....	119,729	55,498	125,586	1,459,118	215,446	(39,081)	(2,014,721)	15,694	(2,038,115)	

*(follow)*

## Securities issued by residents

(millions of euros)

	Debt securities issued by other issuers				Total debt securities	Listed shares
	Banks	Non-financial corporations	Insurance corporations	Other financial intermediaries		
<b>Gross issues</b>						
2017 .....	89,451	36,472	527	57,183	611,160	14,945
2018 .....	91,049	16,683	775	71,749	581,234	2,563
2019 .....	92,821	29,054	1,385	93,512	(630,901)	4,936
2019 - July.....	11,702	4,051	..	6,213	(54,647)	49
Aug.....	1,406	1,360	..	4,985	(31,982)	6
Sept.....	8,891	2,289	..	3,450	(47,103)	6
Oct.....	7,053	5,218	820	9,037	(71,223)	77
Nov.....	4,131	1,258	..	26,325	(61,255)	619
Dec.....	7,916	2,825	..	11,324	(34,688)	1,117
2020 - Jan.....	10,428	2,349	..	3,281	(60,956)	33
<b>Redemptions</b>						
2017 .....	148,508	14,849	83	41,851	594,571	..
2018 .....	126,081	20,337	818	56,516	556,485	..
2019 .....	92,447	31,432	2,571	66,402	(562,083)	..
2019 - July.....	8,080	1,838	50	6,414	(31,168)	..
Aug.....	3,189	8,279	..	6,307	(45,412)	..
Sept.....	5,607	2,355	5	2,995	(65,037)	..
Oct.....	8,005	2,446	998	7,316	(61,112)	..
Nov.....	3,317	1,858	..	4,891	(36,955)	..
Dec.....	10,798	4,273	66	4,908	(54,239)	..
2020 - Jan.....	16,507	3,051	1,250	7,466	(42,514)	..
<b>Net issues</b>						
2017 .....	-59,398	21,623	444	15,332	20,918	14,945
2018 .....	-35,378	-3,654	-43	15,232	22,411	2,563
2019 .....	178	-2,378	-1,186	27,110	(73,706)	4,936
2019 - July.....	3,623	2,212	-50	-202	(23,990)	49
Aug.....	-1,783	-6,919	..	-1,322	(-12,780)	6
Sept.....	3,284	-66	-5	455	(-16,419)	6
Oct.....	-952	2,772	-178	1,721	(11,215)	77
Nov.....	814	-599	..	21,434	(24,971)	619
Dec.....	-2,882	-1,448	-66	6,416	(-19,559)	1,117
2020 - Jan.....	-6,079	-703	-1,250	-4,185	(18,567)	33
<b>Outstanding amounts at end of period</b>						
2017 .....	489,181	144,384	14,705	190,149	2,751,401	556,967
2018 .....	452,781	140,791	16,155	204,365	2,775,694	473,319
2019 .....	451,493	138,436	15,005	230,568	(2,842,934)	555,564
2019 - July.....	453,240	144,957	15,196	201,920	(2,859,610)	508,040
Aug.....	451,724	138,175	15,207	200,614	(2,846,649)	505,003
Sept.....	455,387	138,269	15,223	201,069	(2,829,248)	525,160
Oct.....	453,750	140,947	15,063	202,766	(2,838,612)	531,099
Nov.....	455,011	140,494	15,070	224,223	(2,863,588)	549,578
Dec.....	451,493	138,436	15,005	230,568	(2,842,934)	555,564
2020 - Jan.....	445,874	137,889	13,762	226,406	(2,862,046)	546,869

**Government securities: gross yields at issue by sector and maturity**  
 (period averages)

	BOTs			CTZs	CCTs
	6-month	12-month	Average		
2016 .....	-0.17	-0.14	-0.16	-0.07	0.51
2017 .....	-0.35	-0.31	-0.34	-0.13	0.73
2018 .....	0.06	0.16	0.12	0.51	1.33
2019 .....	-0.11	0.01	-0.06	0.27	1.33
2018 - Mar.....	-0.43	-0.40	-0.42	-0.23	0.42
Apr.....	-0.42	-0.40	-0.41	-0.27	0.35
May .....	1.22	-0.36	0.40	0.35	0.23
June .....	0.09	0.55	0.31	0.92	2.00
July.....	0.07	0.34	0.20	0.65	1.67
Aug.....	0.44	0.68	0.56	1.28	1.75
Sept.....	0.21	0.44	0.33	0.72	2.31
Oct. ....	0.16	0.95	0.55	1.63	1.77
Nov.....	0.16	0.63	0.38	1.00	2.32
Dec.....	-	0.37	0.37	-	2.27
2019 - Jan.....	0.10	0.29	0.16	0.52	1.81
Feb.....	-0.01	0.18	0.09	0.59	1.65
Mar.....	-0.06	0.06	-0.00	0.29	1.83
Apr.....	-0.03	0.07	0.02	0.70	1.83
May .....	-0.05	0.12	0.04	0.82	1.77
June .....	-0.06	0.07	0.00	0.43	1.95
July.....	-0.21	-0.06	-0.13	0.04	1.60
Aug.....	-0.22	0.11	-0.05	0.01	1.08
Sept.....	-0.22	-0.23	-0.23	-0.24	0.77
Oct. ....	-0.21	-0.22	-0.22	-0.11	0.52
Nov.....	-0.21	-0.14	-0.18	-0.03	0.40
Dec.....	-	-0.19	-0.19	-	0.71
2020 - Jan.....	-0.29	-0.24	-0.27	-0.09	-
Feb.....	-0.29	-0.32	-0.30	-0.14	0.18

(follow)

**Government securities: gross yields at issue by sector and maturity**

(period averages)

	BTPs					Index-linked BTPs			
	3-year	5-year	10-year	30-year	Average	5-year	10-year	30-year	Average
2016 .....	0.05	0.43	1.44	2.62	0.89	0.24	0.48	1.47	0.64
2017 .....	0.21	0.83	2.10	3.10	1.40	0.06	1.18	1.78	0.93
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
2018 - Mar.....	0.00	0.89	2.06	2.92	1.29	-0.43	-	-	-0.43
Apr.....	0.05	0.68	1.83	2.88	1.18	-	0.47	-	0.57
May.....	0.07	0.56	1.70	-	1.08	-0.05	1.28	-	0.59
June.....	1.16	2.32	3.00	3.50	2.39	0.90	-	2.14	1.32
July.....	1.10	1.82	2.77	-	2.31	-	1.55	-	1.55
Aug.....	-	1.80	2.87	-	2.54	-	-	-	-
Sept.....	1.20	2.44	3.25	3.55	2.52	-	-	-	1.65
Oct.....	2.51	2.03	2.90	3.79	2.78	-	2.34	-	2.34
Nov.....	1.98	2.58	3.36	-	2.89	1.45	-	-	1.45
Dec.....	1.53	2.35	3.24	-	2.31	-	-	-	-
2019 - Jan.....	1.07	1.79	2.63	3.68	2.11	-	1.69	2.27	1.91
Feb.....	0.99	1.49	2.60	3.91	1.86	1.10	-	-	1.48
Mar.....	1.06	1.59	2.81	-	1.98	-	1.60	-	1.60
Apr.....	1.08	1.71	2.61	-	2.01	-	-	-	1.93
May.....	1.24	1.72	2.59	3.65	2.20	1.10	1.87	-	1.48
June.....	1.05	1.81	2.18	-	1.95	-	1.32	2.00	1.57
July.....	0.49	1.34	2.09	-	1.30	-0.02	-	-	0.62
Aug.....	-	0.80	1.56	-	1.21	-	-	-	-
Sept.....	-0.01	0.32	0.96	2.06	0.65	-	-	0.67	0.67
Oct.....	0.05	0.26	0.88	2.03	0.61	-	0.44	-	-
Nov.....	0.22	0.42	1.06	2.23	0.87	-	-	1.02	1.02
Dec.....	-	0.64	1.29	-	0.99	-	-	-	-
2020 - Jan.....	0.18	0.61	1.35	2.50	0.88	-0.50	-	-	-0.50
Feb.....	-0.10	0.31	0.94	-	0.47	-	0.31	-	0.34

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

	BOTs	CTZs	CCTs	BTPs	Memo item: Rendistato	Total government securities
<b>Gross yields to maturity</b>						
2017 .....	-0.386	-0.189	0.323	1.894	1.278	1.815
2018 .....	-0.092	0.291	1.113	2.355	1.893	2.282
2019 .....	-0.138	0.094	1.063	1.874	1.370	1.826
2019 - Feb.....	0.028	0.363	1.639	2.602	2.073	2.539
Mar.....	-0.085	0.184	1.439	2.430	1.884	2.367
Apr.....	-0.062	0.221	1.468	2.370	1.858	2.313
May.....	-0.044	0.340	1.624	2.444	1.940	2.389
June.....	-0.086	0.233	1.484	2.181	1.672	2.135
July.....	-0.195	-0.007	0.963	1.660	1.152	1.619
Aug.....	-0.205	0.007	0.952	1.475	1.003	1.443
Sept.....	-0.284	-0.207	0.444	1.039	0.573	1.008
Oct.....	-0.268	-0.181	0.330	1.070	0.599	1.034
Nov.....	-0.219	-0.051	0.478	1.297	0.824	1.257
Dec.....	-0.245	-0.067	0.471	1.395	0.898	1.350
2020 - Jan.....	-0.293	-0.122	0.397	1.323	0.828	1.279
Feb.....	-0.334	-0.200	0.267	1.055	0.586	1.020
<b>Turnover (millions of euros)</b>						
2017 .....	780	875	27,275	140,233	110,245	169,162
2018 .....	1,382	652	19,217	124,264	103,758	146,023
2019 .....	1,665	1,239	16,474	140,870	124,411	160,248
2019 - Feb.....	155	86	1,417	11,723	10,444	13,380
Mar.....	118	122	1,522	11,335	10,081	13,097
Apr.....	97	94	1,241	8,012	7,186	9,445
May.....	132	115	1,318	10,095	8,982	11,659
June.....	140	104	1,275	14,463	13,304	15,982
July.....	278	162	1,659	19,103	17,349	21,202
Aug.....	107	88	1,039	16,538	15,327	17,773
Sept.....	116	83	2,410	15,508	13,499	18,117
Oct.....	77	90	1,315	9,838	7,659	11,321
Nov.....	104	90	1,035	7,993	6,427	9,222
Dec.....	72	116	646	6,071	5,077	6,904
2020 - Jan.....	55	142	1,134	10,953	9,195	12,283
Feb.....	14	123	1,483	11,146	9,450	12,766
<b>Outstanding amounts of listed securities at face value (millions of euros)</b>						
2017 .....	106,600	40,692	132,936	1,564,538	1,244,298	1,844,766
2018 .....	107,453	45,591	128,875	1,616,684	1,265,556	1,898,603
2019 .....	113,928	51,139	125,585	1,650,803	1,308,162	1,941,455
2019 - Feb.....	115,400	53,225	133,313	1,613,887	1,283,446	1,915,825
Mar.....	115,975	55,525	133,341	1,631,620	1,276,174	1,936,461
Apr.....	116,676	60,075	134,491	1,621,699	1,293,110	1,932,941
May.....	116,986	52,427	135,641	1,636,485	1,290,432	1,941,539
June.....	116,583	55,015	135,903	1,656,947	1,295,208	1,964,448
July.....	116,483	57,315	137,053	1,657,941	1,309,536	1,968,792
Aug.....	118,233	59,615	138,333	1,640,679	1,316,436	1,956,860
Sept.....	119,333	61,212	139,483	1,639,714	1,306,665	1,959,742
Oct.....	120,483	50,886	139,784	1,649,276	1,305,894	1,960,429
Nov.....	120,506	52,533	127,053	1,647,691	1,304,873	1,947,783
Dec.....	113,928	51,139	125,585	1,650,803	1,308,162	1,941,455
2020 - Jan.....	119,728	55,498	125,585	1,648,741	1,327,264	1,949,552
Feb.....	118,653	58,085	129,160	1,647,818	1,348,164	1,953,716



**Government securities listed on MTS: turnover**

(millions of euros)

	BOTs	CTZs	CCTs	BTPs	Total government securities
2016 .....	476,371	100,368	98,044	642,019	1,316,980
2017 .....	350,853	78,343	116,287	603,813	1,149,446
2018 .....	353,375	76,049	88,477	582,922	1,100,979
2019 .....	316,787	57,882	59,817	435,650	870,278
2017 - 4th qtr.....	111,732	29,255	51,948	199,977	392,951
2018 - 1st qtr.....	96,509	25,412	39,160	221,597	382,719
2nd. " .....	88,168	20,225	27,030	150,827	286,290
3rd. " .....	85,656	12,416	10,031	96,793	204,929
4th. " .....	83,042	17,996	12,256	113,705	227,041
2019 - 1st qtr.....	92,133	15,152	14,875	122,770	244,966
2nd. " .....	68,850	13,331	10,732	117,243	210,191
3rd. " .....	64,298	13,074	15,912	100,020	193,336
4th. " .....	91,506	16,325	18,298	95,617	221,785
Feb. ....	29,727	4,278	3,998	42,138	80,155
Mar. ....	20,932	4,859	5,267	39,737	70,805
Apr. ....	24,488	4,026	4,060	36,076	68,663
May ....	22,441	5,249	3,701	39,312	70,718
June.....	21,921	4,056	2,971	41,855	70,810
July ....	27,041	5,072	4,562	40,666	77,350
Aug. ....	15,859	3,830	4,680	29,051	53,430
Sept.....	21,398	4,172	6,670	30,303	62,556
Oct. ....	26,956	4,213	7,206	32,259	70,642
Nov. ....	31,299	7,144	7,189	37,258	82,908
Dec. ....	33,251	4,968	3,903	26,100	68,235
2020 - Jan. ....	33,446	5,934	4,828	46,917	91,138
Feb. ....	24,278	6,525	4,762	59,612	95,191

**Government securities listed on MTS: average residual maturity and duration**

(end-of-period data; years)

	BOTs	CTZs	CCTs	BTPs	Total government securities
<b>Average residual maturity</b>					
2017 .....	0.40	1.03	4.14	7.59	6.78
2018 .....	0.42	1.04	4.39	7.44	6.68
2019 .....	0.42	0.98	3.92	7.56	6.74
2019 - Mar. ....	0.43	0.94	4.20	7.58	6.73
Apr. ....	0.43	0.96	4.13	7.63	6.74
May .....	0.43	1.12	4.06	7.56	6.71
June .....	0.43	1.08	3.98	7.54	6.69
July .....	0.44	1.03	3.91	7.59	6.72
Aug. ....	0.43	0.98	3.84	7.61	6.71
Sept. ....	0.44	0.92	3.77	7.63	6.70
Oct. ....	0.44	1.12	3.71	7.63	6.74
Nov. ....	0.43	1.08	4.00	7.64	6.78
Dec. ....	0.42	0.98	3.92	7.56	6.74
2020 - Jan. ....	0.42	0.97	3.83	7.68	6.79
Feb. ....	0.42	0.93	3.76	7.75	6.84
<b>Duration</b>					
2017 .....	0.40	1.02	0.33	6.80	6.30
2018 .....	0.41	1.02	0.34	6.42	5.93
2019 .....	0.42	0.97	0.28	7.04	6.50
2019 - Mar. ....	0.43	0.93	0.25	6.62	6.06
Apr. ....	0.42	0.94	0.28	6.67	6.09
May .....	0.42	1.10	0.26	6.58	6.03
June .....	0.43	1.07	0.32	6.73	6.19
July .....	0.44	1.02	0.30	6.95	6.39
Aug. ....	0.43	0.97	0.27	7.21	6.63
Sept. ....	0.44	0.91	0.23	7.30	6.70
Oct. ....	0.43	1.11	0.24	7.24	6.68
Nov. ....	0.43	1.07	0.21	7.13	6.56
Dec. ....	0.42	0.97	0.28	7.04	6.50
2020 - Jan. ....	0.42	0.95	0.30	7.31	6.73
Feb. ....	0.42	0.92	0.27	7.32	6.72

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

	BTPs				CTZs	CCTs
	3-year	5-year	10-year	30-year		
2016 .....	0.082	0.467	1.487	2.566	-0.033	0.529
2017 .....	0.189	0.825	2.113	3.244	-0.083	0.737
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
2017 - 4th qtr.....	0.034	0.617	1.886	3.138	-0.206	0.575
2018 - 1st qtr.....	0.078	0.739	2.010	3.109	-0.177	0.451
2nd".....	0.576	1.195	2.232	3.168	0.310	0.796
3rd ".....	1.312	2.051	2.921	3.538	0.911	1.858
4th ".....	1.754	2.474	3.278	3.860	1.175	2.321
2019 - 1st qtr.....	0.986	1.658	2.757	3.680	0.519	1.879
2nd".....	1.120	1.698	2.515	3.479	0.526	1.843
3rd ".....	0.280	0.669	1.320	2.368	0.040	0.985
4th ".....	0.175	0.563	1.213	2.239	-0.004	0.642
Feb.....	1.059	1.769	2.812	3.739	0.628	1.987
Mar.....	0.930	1.500	2.690	3.692	0.368	1.802
Apr.....	1.139	1.714	2.618	3.571	0.386	1.805
May.....	1.236	1.833	2.644	3.593	0.640	1.942
June.....	0.987	1.547	2.284	3.274	0.553	1.783
July.....	0.468	0.922	1.654	2.713	0.155	1.183
Aug.....	0.378	0.782	1.404	2.422	0.145	1.143
Sept.....	-0.005	0.303	0.902	1.968	-0.179	0.629
Oct.....	0.052	0.369	1.004	2.018	-0.142	0.535
Nov.....	0.228	0.627	1.266	2.269	0.062	0.683
Dec.....	0.245	0.694	1.370	2.429	0.069	0.707
2020 - Jan.....	0.190	0.608	1.275	2.337	0.011	0.609
Feb.....	0.001	0.335	0.956	1.998	-0.113	0.235

## Portfolio management services: securities portfolios and total managed funds

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

	Italian government securities			Total	Bonds		Shares	
	of which:				Italian	Foreign	Italian	Foreign
	BOTs	BTPs	CCTs					
<b>Banks</b>								
2014 .....	1,727	25,403	3,740	33,672	5,964	13,698	1,550	4,518
2015 .....	352	25,790	4,533	34,250	6,031	12,776	1,721	4,366
2016 .....	69	19,674	4,812	26,689	6,129	13,953	1,425	3,694
2017 - 4th qtr.....	99	16,722	3,934	21,902	6,651	14,499	1,783	4,253
2018 - 1st qtr.....	77	17,817	3,759	22,472	8,458	16,197	1,690	4,528
2nd ...."	209	17,281	3,074	21,303	8,184	16,576	1,581	4,708
3rd ...."	333	16,367	2,805	20,394	7,690	17,671	1,420	4,907
4th ...."	705	16,837	2,089	20,542	7,357	18,562	1,222	4,079
2019 - 1st qtr.....	906	14,295	1,812	17,712	6,989	16,513	1,250	4,011
2nd ...."	782	13,752	1,613	16,927	7,290	17,509	1,165	4,470
3rd ...."	717	11,117	1,503	14,339	7,178	16,685	1,133	4,597
4th ...."	706	10,680	1,227	13,803	6,612	16,525	1,052	5,024
<b>Securities firms</b>								
2014 .....	313	943	285	1,628	841	2,167	408	642
2015 .....	209	779	231	1,332	734	2,183	445	691
2016 .....	64	950	400	1,507	841	2,978	404	939
2017 - 4th qtr.....	3	664	309	1,006	645	2,912	357	1,080
2018 - 1st qtr.....	2	459	210	690	514	2,664	346	1,028
2nd ...."	2	441	226	753	509	2,699	326	1,138
3rd ...."	68	354	145	581	538	2,775	464	1,223
4th ...."	69	334	155	614	500	2,719	462	908
2019 - 1st qtr.....	96	511	179	831	541	2,615	488	931
2nd ...."	130	550	133	860	527	2,601	408	938
3rd ...."	117	572	150	893	512	2,613	344	1,147
4th ...."	74	552	96	781	544	2,750	351	1,315
<b>Asset management corporations</b>								
2014 .....	5,597	177,020	9,356	200,249	32,626	196,860	19,518	30,554
2015 .....	2,325	183,584	12,557	207,676	33,291	213,849	20,034	33,367
2016 .....	1,610	191,334	13,589	213,076	30,461	238,143	17,279	46,198
2017 - 4th qtr.....	1,109	188,330	14,461	210,368	28,666	248,488	18,751	36,427
2018 - 1st qtr.....	1,096	192,961	13,977	213,979	27,472	242,039	18,940	37,107
2nd ...."	2,271	181,198	12,114	201,420	26,638	247,533	18,474	36,405
3rd ...."	4,011	181,569	11,617	203,512	27,093	249,722	18,242	37,331
4th ...."	4,491	184,951	11,041	206,182	25,839	250,265	17,795	36,342
2019 - 1st qtr.....	4,393	237,653	10,889	259,845	29,645	260,190	18,324	37,647
2nd ...."	4,915	247,882	9,804	269,351	29,161	269,943	18,197	38,567
3rd ...."	5,730	275,371	9,383	298,314	30,193	280,469	18,434	39,406
4th ...."	7,260	262,877	9,505	286,961	29,013	257,058	18,673	40,399
<b>Total</b>								
2014 .....	7,637	203,367	13,381	235,548	39,432	212,725	21,476	35,714
2015 .....	2,886	210,153	17,320	243,259	40,055	228,808	22,200	38,425
2016 .....	1,743	211,958	18,802	241,272	37,432	255,074	19,107	50,831
2017 - 4th qtr.....	1,211	205,716	18,703	233,276	35,962	265,900	20,890	41,761
2018 - 1st qtr.....	1,176	211,236	17,946	237,141	36,444	260,900	20,976	42,663
2nd ...."	2,482	198,920	15,415	223,476	35,332	266,808	20,381	42,251
3rd ...."	4,413	198,290	14,568	224,486	35,321	270,169	20,126	43,461
4th ...."	5,265	202,122	13,285	227,338	33,696	271,546	19,479	41,329
2019 - 1st qtr.....	5,395	252,458	12,881	278,388	37,175	279,318	20,062	42,589
2nd ...."	5,827	262,184	11,550	287,138	36,979	290,053	19,770	43,975
3rd ...."	6,564	287,060	11,037	313,547	37,884	299,767	19,911	45,150
4th ...."	8,040	274,109	10,829	301,544	36,170	276,333	20,075	46,737

(follow)

**Portfolio management services: securities portfolios and total managed funds**

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

	Investment fund units		Other financial assets	Total portfolio	Total managed funds	Memorandum items:	
	Italian	Foreign				Gross inflow	Net inflow
<b>Banks</b>							
2014 .....	1,203	44,609	513	105,727	110,004	25,704	5,133
2015 .....	1,848	55,136	186	116,315	122,498	31,535	11,051
2016 .....	2,012	59,730	289	113,920	120,770	27,324	-104
2017 - 4th qtr.....	2,139	69,351	499	121,077	127,559	6,657	611
2018 - 1st qtr.....	2,130	71,028	491	126,995	131,942	7,798	1,836
2nd ...."	2,100	69,115	331	123,899	128,948	6,103	-629
3rd ...."	1,185	68,586	182	122,035	127,357	4,539	-164
4th ...."	1,119	61,663	338	114,883	120,995	4,407	-1,429
2019 - 1st qtr.....	1,234	62,570	568	110,845	117,204	5,203	-1,396
2nd ...."	1,270	62,707	457	111,795	118,048	6,451	114
3rd ...."	1,416	63,204	604	109,156	115,174	5,236	1,010
4th ...."	1,531	65,260	570	110,377	116,104	5,486	635
<b>Securities firms</b>							
2014 .....	854	3,650	4	10,194	11,303	2,441	-118
2015 .....	977	3,915	12	10,290	11,294	1,980	-352
2016 .....	882	6,341	12	13,903	15,511	2,343	-536
2017 - 4th qtr.....	564	7,575	1	14,141	15,370	1,036	31
2018 - 1st qtr.....	520	6,741	1	12,504	13,876	990	-562
2nd ...."	472	6,742	..	12,639	14,167	1,170	485
3rd ...."	461	6,626	-82	12,586	14,004	432	-213
4th ...."	442	6,085	-35	11,696	13,223	523	-95
2019 - 1st qtr.....	404	6,428	-25	12,215	13,865	480	-116
2nd ...."	421	6,428	-27	12,157	13,885	578	-125
3rd ...."	415	6,763	-20	12,668	14,557	1,046	465
4th ...."	374	7,248	-21	13,342	14,834	760	111
<b>Asset management corporations</b>							
2014 .....	13,820	109,419	313	603,358	615,855	110,206	20,297
2015 .....	12,772	131,495	231	652,715	667,328	138,020	31,133
2016 .....	13,301	147,829	32	706,319	716,776	98,138	19,101
2017 - 4th qtr.....	13,645	152,530	135	709,011	715,608	17,706	-3,806
2018 - 1st qtr.....	13,829	147,347	255	700,969	709,003	20,595	-3,260
2nd ...."	14,043	149,563	-83	693,994	699,589	27,038	3,413
3rd ...."	15,269	151,668	-108	702,729	705,627	18,412	2,820
4th ...."	15,620	147,047	-38	699,052	706,030	31,486	2,335
2019 - 1st qtr.....	15,890	155,374	-3,433	773,482	774,507	38,275	-6,332
2nd ...."	16,462	158,971	-2,973	797,680	796,265	27,605	-2,482
3rd ...."	17,024	166,084	-6,620	843,305	844,142	29,803	1,002
4th ...."	17,642	174,218	-4,973	818,990	837,831	44,754	6,698
<b>Total</b>							
2014 .....	15,877	157,678	830	719,279	737,162	138,350	25,312
2015 .....	15,597	190,547	429	779,320	801,119	171,534	41,831
2016 .....	16,195	213,900	332	834,143	853,057	127,804	18,459
2017 - 4th qtr.....	16,348	229,456	635	844,229	858,537	25,399	-3,164
2018 - 1st qtr.....	16,479	225,117	747	840,468	854,822	29,383	-1,986
2nd ...."	16,616	225,420	248	830,532	842,704	34,311	3,268
3rd ...."	16,915	226,880	-8	837,350	846,988	23,383	2,444
4th ...."	17,182	214,795	265	825,630	840,249	36,416	811
2019 - 1st qtr.....	17,528	224,372	-2,890	896,542	905,575	43,958	-7,844
2nd ...."	18,153	228,106	-2,542	921,632	928,198	34,633	-2,493
3rd ...."	18,855	236,051	-6,036	965,128	973,874	36,086	2,478
4th ...."	19,546	246,726	-4,423	942,708	968,768	51,000	7,443

**Open-end funds under Italian law: assets, liabilities and net assets***(end-of-period stocks at market value; millions of euros)*

	2016	2017	2018	2019 July	2019 Aug.	2019 Sept.	2019 Oct.	2019 Nov.	2019 Dec.	2020 Jan.
<b>Assets</b>										
<b>1. Deposits and loans</b> .....	<b>15,811</b>	<b>17,948</b>	<b>21,573</b>	<b>25,426</b>	<b>25,205</b>	<b>22,917</b>	<b>22,537</b>	<b>23,630</b>	<b>20,575</b>	<b>(20,455)</b>
<b>2. Securities issued by residents</b> .....	<b>70,003</b>	<b>71,814</b>	<b>68,270</b>	<b>68,066</b>	<b>67,917</b>	<b>68,470</b>	<b>67,225</b>	<b>66,824</b>	<b>67,174</b>	<b>(67,136)</b>
2.1 of which: General government .....	57,466	54,958	53,425	51,994	51,921	52,489	51,455	50,999	51,314	(51,033)
2.1a BOTs .....	5,311	5,311	8,316	7,199	7,377	9,741	10,900	12,442	12,825	(12,499)
2.1b CTZs .....	4,306	4,875	4,160	4,243	4,526	4,857	4,437	4,064	4,167	(4,096)
2.1c CCTs .....	3,570	3,751	1,883	2,139	2,154	1,691	1,801	1,305	1,246	(1,334)
2.1d BTPs .....	43,627	40,423	38,691	38,104	37,606	35,838	33,639	32,504	32,395	(32,411)
2.1e Other gov. securities .....	652	598	374	310	259	362	677	684	681	(693)
2.2 of which: Non-financial corporations	3,909	6,109	5,513	5,715	5,511	5,463	5,478	5,487	5,313	(5,371)
2.3 of which: Banks .....	7,065	8,389	7,040	8,044	8,166	8,241	8,222	8,284	8,448	(8,583)
2.4 of which: Other financial intermediaries	1,563	2,359	2,292	2,313	2,319	2,276	2,071	2,053	2,099	(2,149)
<b>3. Securities issued by non-residents.</b>	<b>63,660</b>	<b>67,730</b>	<b>57,516</b>	<b>60,039</b>	<b>60,866</b>	<b>60,759</b>	<b>60,518</b>	<b>60,994</b>	<b>61,098</b>	<b>(61,590)</b>
3.1 of which: General government .....	27,356	27,972	25,503	26,571	26,818	26,628	26,300	26,709	27,438	(27,770)
<b>4. Shares</b> .....	<b>29,847</b>	<b>38,218</b>	<b>36,409</b>	<b>38,559</b>	<b>38,281</b>	<b>39,294</b>	<b>39,893</b>	<b>41,193</b>	<b>41,367</b>	<b>(39,905)</b>
4.1 Issued by residents .....	5,203	9,387	8,938	9,679	9,694	10,007	10,103	10,500	10,307	(10,000)
4.1a of which: quoted .....	5,140	9,114	8,592	9,365	9,383	9,707	9,801	10,192	10,016	(9,710)
4.2 Issued by non-residents .....	24,644	28,831	27,471	28,880	28,588	29,287	29,789	30,693	31,060	(29,905)
<b>5. Investment fund units</b> .....	<b>57,030</b>	<b>63,036</b>	<b>56,897</b>	<b>55,729</b>	<b>55,604</b>	<b>57,289</b>	<b>58,113</b>	<b>57,607</b>	<b>60,019</b>	<b>(60,136)</b>
5.1 Issued by residents .....	8,375	9,732	9,684	10,568	10,566	10,765	10,812	10,918	10,923	(11,175)
5.2 Issued by non-residents .....	48,655	53,305	47,213	45,161	45,038	46,523	47,301	46,689	49,096	(48,960)
<b>6. Other financial assets</b> .....	<b>50,776</b>	<b>48,196</b>	<b>45,335</b>	<b>48,586</b>	<b>53,406</b>	<b>42,345</b>	<b>48,595</b>	<b>44,785</b>	<b>40,947</b>	<b>(44,424)</b>
<b>7. Total</b> .....	<b>287,127</b>	<b>306,942</b>	<b>286,000</b>	<b>296,405</b>	<b>301,280</b>	<b>291,074</b>	<b>296,880</b>	<b>295,033</b>	<b>291,180</b>	<b>(293,646)</b>
<b>Liabilities</b>										
<b>8. Deposits and loans</b> .....	<b>520</b>	<b>336</b>	<b>772</b>	<b>620</b>	<b>778</b>	<b>822</b>	<b>837</b>	<b>820</b>	<b>880</b>	<b>(921)</b>
<b>9. Other liabilities</b> .....	<b>48,515</b>	<b>46,433</b>	<b>43,268</b>	<b>47,058</b>	<b>52,802</b>	<b>41,325</b>	<b>47,297</b>	<b>44,311</b>	<b>39,738</b>	<b>(42,979)</b>
<b>10. Net assets</b> .....	<b>238,091</b>	<b>260,173</b>	<b>241,960</b>	<b>248,727</b>	<b>247,700</b>	<b>248,927</b>	<b>248,747</b>	<b>249,903</b>	<b>250,562</b>	<b>(249,746)</b>
<b>11. Total</b> .....	<b>287,127</b>	<b>306,942</b>	<b>286,000</b>	<b>296,405</b>	<b>301,280</b>	<b>291,074</b>	<b>296,880</b>	<b>295,033</b>	<b>291,180</b>	<b>(293,646)</b>

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

(transactions; millions of euros)

	2017	2018	2019	2019 July	2019 Aug.	2019 Sept.	2019 Oct.	2019 Nov.	2019 Dec.	2020 Jan.
<b>Assets</b>										
<b>1. Deposits and loans .....</b>	<b>2,345</b>	<b>3,544</b>	<b>-1,104</b>	<b>-1,314</b>	<b>-247</b>	<b>-2,325</b>	<b>-361</b>	<b>1,069</b>	<b>-3,036</b>	<b>(-119)</b>
<b>2. Securities issued by residents.....</b>	<b>2,372</b>	<b>-625</b>	<b>-3,082</b>	<b>669</b>	<b>-870</b>	<b>559</b>	<b>-861</b>	<b>333</b>	<b>151</b>	<b>(-384)</b>
2.1 of which: General government .....	-2,157	-65	-3,564	475	-671	379	-730	230	102	(-517)
2.1a BOTs .....	104	3,238	4,209	304	177	2,364	1,161	1,655	383	(-237)
2.1b CTZs .....	558	-616	139	496	277	327	-414	-296	100	(23)
2.1c CCTs .....	218	-1,637	-752	129	-1	-477	114	-485	-62	(97)
2.1d BTPs .....	-2,748	675	-7,215	-147	-1,071	-1,831	-1,910	-655	-69	(-397)
2.1e Other gov. securities .....	-291	-1,728	57	-307	-53	-3	319	11	-250	(-3)
2.2 of which: Non-financial corporations	2,502	52	-446	16	-220	24	-62	31	-157	(35)
2.3 of which: Banks .....	1,306	-733	1,001	211	48	65	-2	81	161	(62)
2.4 of which: Other financial intermediaries	723	120	-71	-33	-26	91	-67	-10	45	(36)
<b>3. Securities issued by non-residents.</b>	<b>6,515</b>	<b>-6,687</b>	<b>1,891</b>	<b>-1,178</b>	<b>362</b>	<b>418</b>	<b>420</b>	<b>539</b>	<b>356</b>	<b>(-48)</b>
3.1 of which: General government .....	2,394	-1,731	590	-1,083	-25	-183	46	440	867	(-48)
<b>4. Shares .....</b>	<b>5,160</b>	<b>3,829</b>	<b>-3,483</b>	<b>-382</b>	<b>417</b>	<b>-504</b>	<b>228</b>	<b>-238</b>	<b>-274</b>	<b>(-789)</b>
4.1 Issued by residents .....	3,065	1,444	-582	-73	134	-111	-58	-149	-135	(-77)
4.1a of which: quoted .....	3,055	1,370	-401	-82	134	-99	-31	-123	-119	(-38)
4.2 Issued by non-residents .....	2,094	2,383	-2,899	-308	284	-393	286	-89	-139	(-712)
<b>5. Investment fund units .....</b>	<b>3,909</b>	<b>-3,085</b>	<b>-1,666</b>	<b>-10</b>	<b>-116</b>	<b>1,234</b>	<b>759</b>	<b>-960</b>	<b>1,927</b>	<b>(25)</b>
5.1 Issued by residents .....	955	417	682	87	38	95	207	-7	-47	(196)
5.2 Issued by non-residents .....	2,955	-3,503	-2,343	-97	-153	1,140	552	-953	1,974	(-171)
<b>6. Other financial assets .....</b>	<b>-5,462</b>	<b>-852</b>	<b>-4,754</b>	<b>-1,362</b>	<b>5,548</b>	<b>-10,775</b>	<b>5,442</b>	<b>-3,882</b>	<b>-3,943</b>	<b>(3,278)</b>
<b>7. Total .....</b>	<b>14,840</b>	<b>-3,874</b>	<b>-12,192</b>	<b>-3,578</b>	<b>5,095</b>	<b>-11,392</b>	<b>5,628</b>	<b>-3,139</b>	<b>-4,819</b>	<b>(1,964)</b>
<b>Liabilities</b>										
<b>8. Deposits and loans .....</b>	<b>-178</b>	<b>426</b>	<b>103</b>	<b>-42</b>	<b>157</b>	<b>43</b>	<b>15</b>	<b>-18</b>	<b>60</b>	<b>(41)</b>
<b>9. Other liabilities .....</b>	<b>-2,502</b>	<b>-2,649</b>	<b>-2,348</b>	<b>-3,071</b>	<b>5,657</b>	<b>-10,681</b>	<b>5,877</b>	<b>-2,912</b>	<b>-4,369</b>	<b>(2,727)</b>
<b>10. Net subscriptions .....</b>	<b>17,520</b>	<b>-1,652</b>	<b>-9,948</b>	<b>-465</b>	<b>-720</b>	<b>-754</b>	<b>-265</b>	<b>-209</b>	<b>-510</b>	<b>(-804)</b>
<b>11. Total .....</b>	<b>14,840</b>	<b>-3,874</b>	<b>-12,192</b>	<b>-3,578</b>	<b>5,095</b>	<b>-11,392</b>	<b>5,628</b>	<b>-3,139</b>	<b>-4,819</b>	<b>(1,964)</b>

## Italian market of investment funds: net assets and net subscriptions

(millions of euros)

	2017	2018	2019	2018-Q2	2018-Q3	2018-Q4	2019-Q1	2019-Q2	2019-Q3	2019-Q4
<b>Net assets</b>										
<b>1. Investment funds of resident intermediaries</b>	<b>493,618</b>	<b>486,960</b>	<b>(528,266)</b>	<b>500,917</b>	<b>493,651</b>	<b>486,960</b>	<b>502,686</b>	<b>509,140</b>	<b>517,838</b>	<b>(528,266)</b>
<b>2. Investment funds under Italian law</b>	<b>327,764</b>	<b>320,114</b>	<b>339,365</b>	<b>329,662</b>	<b>327,570</b>	<b>320,114</b>	<b>326,674</b>	<b>329,265</b>	<b>330,811</b>	<b>339,365</b>
<b>2.1 Open-end funds</b> .....	264,260	245,148	252,141	260,447	258,356	245,148	251,708	249,365	250,911	252,141
<b>2.1a monetary funds</b> .....	4,087	3,189	1,579	3,320	2,906	3,189	2,414	1,808	1,985	1,579
<b>2.1b equity funds</b> .....	22,732	19,866	23,391	22,710	23,442	19,866	22,208	22,109	22,306	23,391
<b>2.1c bond funds</b> .....	109,106	97,168	100,240	102,590	99,347	97,168	99,450	99,830	100,615	100,240
<b>2.1d mixed funds</b> .....	120,572	117,382	119,749	124,015	124,995	117,382	120,159	118,377	118,655	119,749
<b>2.1e hedge funds</b> .....	7,763	7,543	7,183	7,812	7,666	7,543	7,477	7,242	7,350	7,183
<b>2.2 Close-end funds</b> .....	63,503	74,966	87,224	69,215	69,215	74,966	74,966	79,899	79,899	87,224
<b>2.2a real estate funds</b> .....	49,931	56,592	64,337	52,738	52,738	56,592	56,592	59,324	59,324	64,337
<b>2.2b equity funds</b> .....	13,572	18,374	22,887	16,476	16,476	18,374	18,374	20,575	20,575	22,887
<b>2.2c hedge funds</b> .....	..	..	..	..	..	..	..	..	..	..
<b>3. Investment funds under foreign law</b>	<b>165,855</b>	<b>166,846</b>	<b>(188,901)</b>	<b>171,255</b>	<b>166,081</b>	<b>166,846</b>	<b>176,012</b>	<b>179,875</b>	<b>187,028</b>	<b>(188,901)</b>
<b>4. Investment funds of non-resident intermediaries</b>	<b>609,923</b>	<b>570,613</b>	<b>(656,479)</b>	<b>603,745</b>	<b>606,438</b>	<b>570,613</b>	<b>611,959</b>	<b>624,048</b>	<b>633,912</b>	<b>(656,479)</b>
<b>5. Total</b> .....	<b>1,103,542</b>	<b>1,057,573</b>	<b>(1,184,745)</b>	<b>1,104,662</b>	<b>1,100,089</b>	<b>1,057,573</b>	<b>1,114,646</b>	<b>1,133,188</b>	<b>1,151,751</b>	<b>(1,184,745)</b>
<b>Net subscriptions</b>										
<b>1. Investment funds of resident intermediaries</b>	<b>50,569</b>	<b>18,531</b>	<b>(3,954)</b>	<b>7,110</b>	<b>-841</b>	<b>8,441</b>	<b>-501</b>	<b>-352</b>	<b>1,473</b>	<b>(3,334)</b>
<b>2. Investment funds under Italian law</b>	<b>25,090</b>	<b>6,396</b>	<b>-4,399</b>	<b>2,817</b>	<b>-1,697</b>	<b>2,360</b>	<b>-3,823</b>	<b>-1,597</b>	<b>-1,762</b>	<b>2,783</b>
<b>2.1 Open-end funds</b> .....	16,791	-2,549	-11,707	-895	-1,697	-2,873	-3,823	-4,733	-1,762	-1,389
<b>2.1a monetary funds</b> .....	-726	-899	-1,760	-465	-414	283	-925	-606	176	-405
<b>2.1b equity funds</b> .....	543	-52	-1,192	277	392	-528	-197	-382	-359	-254
<b>2.1c bond funds</b> .....	5,709	-6,559	-4,080	-2,616	-2,220	-358	-1,021	-1,594	-1,086	-379
<b>2.1d mixed funds</b> .....	11,068	4,801	-4,724	1,803	606	-2,347	-1,513	-2,372	-676	-163
<b>2.1e hedge funds</b> .....	198	157	47	104	-63	78	-168	222	181	-188
<b>2.2 Close-end funds</b> .....	8,299	8,946	7,309	3,713	..	5,233	..	3,136	..	4,173
<b>2.2a real estate funds</b> .....	4,839	5,964	5,468	2,187	..	3,777	..	1,860	..	3,608
<b>2.2b equity funds</b> .....	3,460	2,982	1,841	1,526	..	1,456	..	1,276	..	565
<b>2.2c hedge funds</b> .....	..	..	..	..	..	..	..	..	..	..
<b>3. Investment funds under foreign law</b>	<b>25,477</b>	<b>12,134</b>	<b>(8,353)</b>	<b>4,292</b>	<b>856</b>	<b>6,081</b>	<b>3,322</b>	<b>1,245</b>	<b>3,235</b>	<b>(551)</b>
<b>4. Investment funds of non-resident intermediaries</b>	<b>31,294</b>	<b>-14,592</b>	<b>(6,046)</b>	<b>-3,442</b>	<b>-218</b>	<b>-14,498</b>	<b>-2,443</b>	<b>-1,104</b>	<b>2,827</b>	<b>(6,766)</b>
<b>5. Total</b> .....	<b>81,862</b>	<b>3,939</b>	<b>(10,001)</b>	<b>3,668</b>	<b>-1,059</b>	<b>-6,057</b>	<b>-2,944</b>	<b>-1,456</b>	<b>4,301</b>	<b>(10,100)</b>



## The Financial Market

### 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.

#### **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.

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### **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.

### **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.

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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).

## The Financial Market

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 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.

### **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. 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/](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.

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

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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.

### 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.

The statistics on listed shares issued 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 increases in capital related to the exercise of pre-emption in the month in which transactions are carried out.

### 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 question 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

## **The Financial Market**

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.

'Statistics' series publications are available on the Bank of Italy's site:

<http://www.bancaditalia.it/statistiche/>

Requests for clarifications concerning data contained in this publication can be sent by e-mail to [statistiche@bancaditalia.it](mailto:statistiche@bancaditalia.it)

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