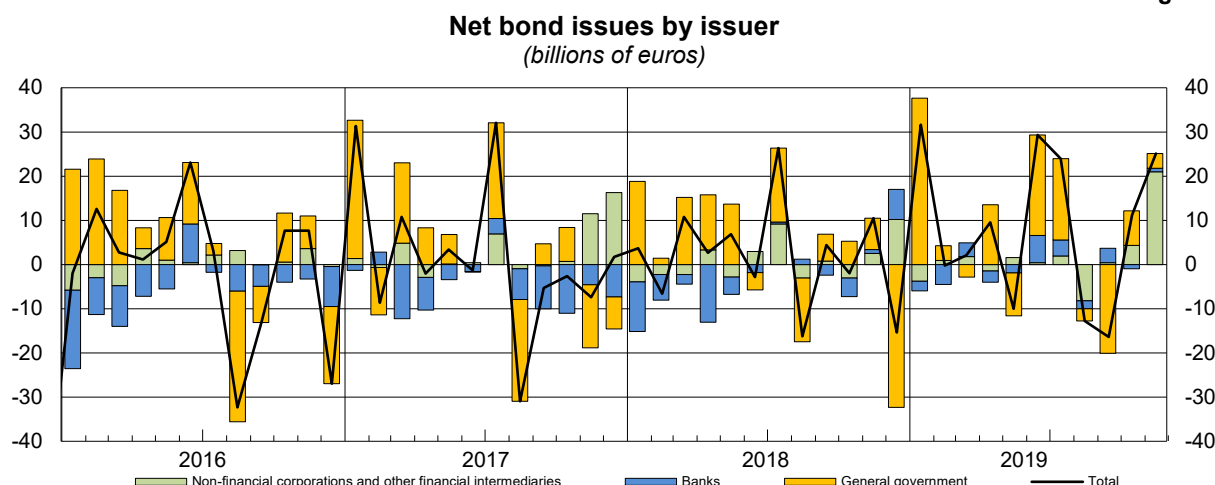


The Financial Market

15 January 2020

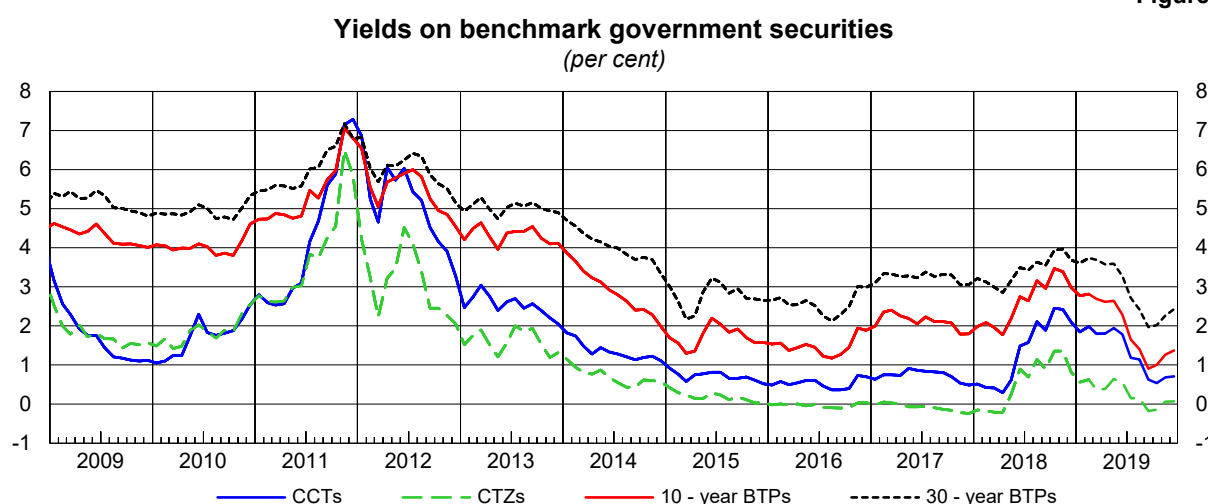
For further information: statistiche@bancaditalia.it
www.bancaditalia.it/statistiche/index.html

Figure 1



In November general government bond issues were positive at €3.3 billion, an outcome to which BTPs and CTZs contributed positively (€14.5 and €1.6 billion, respectively) while CCTs and local government bonds contributed negatively (€12.7 and €0.1 billion, respectively). Banks' net bond issues were positive at €0.8 billion. The net issues of the remaining sectors were positive at €21 billion, with non-financial corporations and other financial intermediaries contributing -€0.6 and €21.6 billion, respectively. Overall, the resident sectors recorded net bond issues of €25.1 billion.

Figure 2



In December the gross yields to maturity on 10-year and 30-year benchmark BTPs increased by 10 and 16 basis points, to 1.37 and 2.43 per cent respectively. The yields on benchmark CCTs increased by 2 basis points to 0.71 per cent, while that on CTZs increased by 1 basis points to 0.07 per cent.

Reference period: November – December 2019

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.

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Valori mobiliari emessi da residenti

(milioni di euro)

Periodo	Titoli di debito delle Amministrazioni pubbliche								Amministrazioni locali	Totale
	Amministrazioni centrali									
	BOT	CTZ	CCT	BTP	BTP indicizzati	Titoli internazionali	Totale			
Emissioni lorde										
2016	152.694	18.991	28.854	179.256	25.656	3.036	408.486	210	408.696	
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 - mag.	13.310	2.875	1.150	13.330	1.438	(..)	(32.102)	..	(32.102)	
giu.	13.347	2.588	750	20.970	1.168	(..)	(38.821)	..	(38.821)	
lug.	13.650	2.300	1.150	14.329	1.253	(..)	(32.681)	..	(32.681)	
ago.	13.750	2.300	1.280	6.900	..	(..)	(24.230)	..	(24.230)	
set.	14.300	1.598	1.150	14.976	450	(..)	(32.473)	..	(32.473)	
ott.	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)	
Rimborsi										
2016	160.655	28.035	15.329	107.764	36.376	8.528	356.738	2.664	359.402	
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 - mag.	13.000	10.522	..	17.221	..	(1.000)	(41.743)	66	(41.809)	
giu.	13.750	..	488	875	838	(11)	(15.962)	290	(16.252)	
lug.	13.750	..	..	..	..	(246)	(13.996)	39	(14.785)	
ago.	12.000	..	..	14.617	..	(1.000)	(27.617)	20	(27.636)	
set.	13.200	..	..	24.176	16.410	(251)	(54.037)	38	(54.075)	
ott.	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)	
Emissioni nette										
2016	-7.961	-9.039	13.646	76.657	-9.653	-4.910	58.690	-2.454	56.236	
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 - mag.	310	-7.696	1.139	-3.719	1.377	(-1.000)	(-9.589)	-66	(-9.655)	
giu.	-403	2.565	248	20.289	371	(-34)	(23.036)	-290	(22.746)	
lug.	-100	2.298	1.150	14.791	1.282	(-226)	(19.196)	-39	(18.407)	
ago.	1.750	2.300	1.288	-7.073	..	(-1.000)	(-2.736)	-20	(-2.756)	
set.	1.100	1.604	1.196	-7.869	-15.787	(-292)	(-20.048)	-38	(-20.087)	
ott.	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)	
Consistenze di fine periodo										
2016	107.113	39.607	134.707	1.300.180	224.290	39.376	1.845.830	20.490	1.874.770	
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 - mag.	116.987	52.428	135.641	1.421.858	218.020	(32.158)	(1.977.355)	18.017	(2.003.823)	
giu.	116.583	55.015	135.904	1.441.952	218.350	(32.094)	(2.000.162)	17.718	(2.026.330)	
lug.	116.483	57.315	137.054	1.456.281	219.603	(31.910)	(2.018.909)	17.688	(2.044.297)	
ago.	118.233	59.615	138.334	1.448.564	219.603	(30.943)	(2.015.555)	17.673	(2.040.928)	
set.	119.333	61.213	139.484	1.439.363	203.643	(30.660)	(1.993.960)	17.641	(2.019.301)	
ott.	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)	

(segue)

Valori mobiliari emessi da residenti*(milioni di euro)*

Periodo	Titoli di debito di altri emittenti				Totale titoli di debito	Azioni quotate
	Banche	Società non finanziarie	Imprese di assicurazione	Altri intermediari finanziari		
Emissioni lorde						
2016	91.287	18.990	870	55.403	575.247	6.792
2017	89.451	36.472	527	57.183	611.160	14.945
2018	91.049	16.683	775	71.741	581.226	2.563
2019 - mag.....	1.419	3.384	..	8.632	(45.537)	9
giu.	11.220	1.564	65	7.467	(59.138)	1
lug.	11.702	4.051	..	6.211	(54.645)	49
ago.....	1.406	1.360	..	4.987	(31.984)	6
set.	8.891	2.289	..	3.442	(47.095)	6
ott.	7.053	5.218	820	9.024	(71.210)	77
nov.	4.131	1.258	..	26.333	(61.262)	619
Rimborsi						
2016	159.081	21.707	75	53.862	594.127	..
2017	148.508	14.848	83	41.868	594.587	..
2018	126.081	20.347	818	56.516	556.495	..
2019 - mag.....	3.348	1.463	750	8.232	(55.603)	..
giu.	5.032	2.805	..	5.889	(29.978)	..
lug.	8.080	1.838	50	6.460	(31.214)	..
ago.....	3.189	8.279	..	6.303	(45.407)	..
set.	5.607	2.355	5	2.988	(65.030)	..
ott.	8.005	2.446	998	7.299	(61.096)	..
nov.	3.317	1.849	..	4.740	(36.796)	..
Emissioni nette						
2016	-68.142	-2.717	795	1.541	-12.287	6.792
2017	-59.398	21.624	444	15.315	20.902	14.945
2018	-35.378	-3.664	-43	15.224	22.393	2.563
2019 - mag.....	-1.935	1.922	-750	399	(-10.019)	9
giu.	6.146	-1.241	65	1.578	(29.294)	1
lug.	3.623	2.212	-50	-250	(23.942)	49
ago.....	-1.783	-6.919	..	-1.315	(-12.773)	6
set.	3.284	-66	-5	454	(-16.420)	6
ott.	-952	2.772	-178	1.725	(11.219)	77
nov.	814	-591	..	21.593	(25.138)	619
Consistenze di fine periodo						
2016	555.638	123.696	14.296	173.487	2.741.887	468.273
2017	489.181	144.408	14.705	190.232	2.751.507	556.967
2018	452.781	140.808	16.155	204.440	2.775.785	473.319
2019 - mag.....	443.416	144.146	15.211	200.662	(2.807.259)	477.054
giu.	449.091	142.675	15.266	202.227	(2.835.589)	503.000
lug.	453.240	144.999	15.196	201.989	(2.859.721)	508.040
ago.....	451.724	138.218	15.207	200.690	(2.846.766)	505.003
set.	455.387	138.311	15.223	201.143	(2.829.364)	525.160
ott.	453.750	140.989	15.063	202.844	(2.838.732)	531.099
nov.	455.011	140.544	15.070	224.459	(2.863.874)	549.578

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 - Jan.	-0.44	-0.42	-0.43	-0.24	0.48
Feb.	-0.40	-0.40	-0.40	-0.22	0.42
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

(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 - Jan.	0.04	0.60	1.85	-	0.95	-0.51	-	-	0.24
Feb.	0.05	0.66	2.06	3.16	1.65	-0.41	0.89	-	0.32
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	-	-	-	-

[Access to data:](#)[QMOT0100](#)**Government securities listed on Borsa Italiana (MOT): yields to maturity, turnover and outstanding amounts**

	BOTs	CTZs	CCTs	BTPs	Memo item: Rendistato	Total government securities
Gross yields to maturity						
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
2018 - Dec.....	0.121	0.460	1.699	2.669	2.185	2.605
2019 - Jan.....	0.007	0.296	1.470	2.521	1.962	2.454
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
Turnover (millions of euros)						
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
2018 - Dec.....	226	65	1,275	7,820	6,682	9,387
2019 - Jan.....	269	92	1,596	10,192	9,077	12,148
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
Outstanding amounts of listed securities at face value (millions of euros)						
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
2018 - Dec.....	107,453	45,591	128,875	1,616,684	1,265,556	1,898,603
2019 - Jan.....	115,503	50,637	129,738	1,617,396	1,287,980	1,913,274
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

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
2018 - Dec.	17,351	6,230	2,670	25,705	51,966
2019 - Jan.	41,474	6,015	5,610	40,895	94,006
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

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

	BOTs	CTZs	CCTs	BTPs	Total government securities
Average residual maturity					
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 - Jan.	0.43	1.03	4.31	7.52	6.70
Feb.	0.43	1.00	4.28	7.66	6.80
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
Duration					
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 - Jan.	0.42	1.02	0.30	6.55	5.63
Feb.	0.43	0.98	0.28	6.60	6.04
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

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
2018 - Dec.....	1.271	2.017	2.975	3.678	0.815	2.093
2019 - Jan.....	0.969	1.704	2.770	3.609	0.560	1.848
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

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						
Banks									
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 - 3rd qtr.....	118	17,192	4,249	22,802	6,547	14,636	1,737	4,399	
4th"	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"	(825)	(14,218)	(1,648)	(17,707)	(7,549)	(18,375)	(1,151)	(4,599)	
Securities firms									
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 - 3rd qtr.....	3	726	317	1,075	719	3,040	426	1,105	
4th"	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	510	178	829	511	2,590	472	909	
2nd"	130	545	131	853	495	2,569	379	903	
3rd"	(117)	(572)	(150)	(893)	(511)	(2,613)	(343)	(1,147)	
Asset management corporations									
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 - 3rd qtr.....	1,390	189,690	13,159	210,707	28,966	248,027	18,946	35,532	
4th"	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	252,122	17,795	36,397	
2019 - 1st qtr.....	4,393	237,653	10,889	259,845	29,645	261,990	18,324	37,699	
2nd"	4,915	247,882	9,804	269,351	29,161	272,031	18,197	38,634	
3rd"	(5,622)	(271,878)	(9,188)	(294,507)	(29,813)	(281,054)	(18,416)	(39,476)	
Total									
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 - 3rd qtr.....	1,511	207,608	17,724	234,584	36,232	265,703	21,109	41,035	
4th"	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	273,403	19,479	41,384	
2019 - 1st qtr.....	5,395	252,458	12,880	278,387	37,145	281,093	20,046	42,618	
2nd"	5,827	262,179	11,548	287,131	36,946	292,110	19,742	44,008	
3rd"	(6,564)	(286,667)	(10,987)	(313,108)	(37,873)	(302,041)	(19,910)	(45,222)	
(follow)									

(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
Banks							
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 - 3rd qtr.....	2,154	67,371	447	120,091	126,383	4,960	-149
4th"	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	62,569	568	110,845	117,204	5,203	-1,396
2nd"	1,270	62,707	457	111,795	118,048	6,450	114
3rd"	(1,437)	(63,646)	(604)	(115,069)	(121,253)	(5,220)	(1,092)
Securities firms							
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 - 3rd qtr.....	602	7,768	5	14,740	15,979	627	41
4th"	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	6,357	-25	12,048	13,659	467	-122
2nd"	421	6,345	-27	11,940	13,614	539	-156
3rd"	(415)	(6,744)	(-20)	(12,646)	(14,537)	(1,023)	(494)
Asset management corporations							
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 - 3rd qtr.....	13,607	148,707	18	704,511	712,257	20,074	4,860
4th"	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	700,964	706,030	31,486	2,335
2019 - 1st qtr.....	15,890	155,374	-3,433	775,334	774,507	38,275	-6,332
2nd"	16,462	158,971	-2,973	799,835	796,265	27,605	-2,482
3rd"	(17,024)	(165,666)	(-6,620)	(839,336)	(837,843)	(29,363)	(630)
Total							
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 - 3rd qtr.....	16,363	223,845	470	839,342	854,619	25,660	4,752
4th"	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	827,542	840,249	36,416	811
2019 - 1st qtr.....	17,528	224,301	-2,890	898,228	905,369	43,946	-7,850
2nd"	18,153	228,023	-2,543	923,570	927,927	34,594	-2,524
3rd"	(18,876)	(236,056)	(-6,036)	(967,051)	(973,633)	(35,606)	(2,216)

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 May	2019 June	2019 July	2019 Aug.	2019 Sept.	2019 Oct.	2019 Nov.
Assets										
1. Deposits and loans	15,811	17,948	21,573	27,094	26,743	25,426	25,205	22,917	22,537	(23,630)
2. Securities issued by residents.....	70,003	71,814	68,270	65,176	66,379	68,066	67,917	68,470	67,225	(66,824)
2.1 of which: General government	57,466	54,958	53,425	49,945	50,694	51,994	51,921	52,489	51,455	(50,999)
2.1a BOTs	5,311	5,311	8,316	7,200	6,966	7,199	7,377	9,741	10,900	(12,442)
2.1b CTZs	4,306	4,875	4,160	3,731	3,833	4,243	4,526	4,857	4,437	(4,064)
2.1c CCTs	3,570	3,751	1,883	2,185	1,992	2,139	2,154	1,691	1,801	(1,305)
2.1d BTPs	43,627	40,423	38,691	36,452	37,536	38,104	37,606	35,838	33,639	(32,504)
2.1e Other gov. securities	652	598	374	376	366	310	259	362	677	(684)
2.2 of which: Non-financial corporations	3,909	6,109	5,513	5,644	5,622	5,715	5,511	5,463	5,478	(5,487)
2.3 of which: Banks	7,065	8,389	7,040	7,297	7,734	8,044	8,166	8,241	8,222	(8,284)
2.4 of which: Other financial intermediaries	1,563	2,359	2,292	2,289	2,329	2,313	2,319	2,276	2,071	(2,053)
3. Securities issued by non-residents.	63,660	67,730	57,516	59,799	60,471	60,039	60,866	60,759	60,518	(60,994)
3.1 of which: General government	27,356	27,972	25,503	27,485	27,223	26,571	26,818	26,628	26,300	(26,709)
4. Shares	29,847	38,218	36,409	37,010	38,527	38,559	38,281	39,294	39,893	(41,193)
4.1 Issued by residents	5,203	9,387	8,938	9,148	9,729	9,679	9,694	10,007	10,103	(10,500)
4.1a of which: quoted	5,140	9,114	8,592	8,842	9,413	9,365	9,383	9,707	9,801	(10,192)
4.2 Issued by non-residents	24,644	28,831	27,471	27,862	28,798	28,880	28,588	29,287	29,789	(30,693)
5. Investment fund units	57,030	63,036	56,897	54,274	55,271	55,729	55,604	57,289	58,113	(57,607)
5.1 Issued by residents	8,375	9,732	9,684	10,308	10,390	10,568	10,566	10,765	10,812	(10,918)
5.2 Issued by non-residents	48,655	53,305	47,213	43,965	44,882	45,161	45,038	46,523	47,301	(46,689)
6. Other financial assets	50,776	48,196	45,335	54,784	50,958	48,586	53,406	42,345	48,595	(44,785)
7. Total	287,127	306,942	286,000	298,136	298,349	296,405	301,280	291,074	296,880	(295,033)
Liabilities										
8. Deposits and loans	520	336	772	624	662	620	778	822	837	(820)
9. Other liabilities	48,515	46,433	43,268	53,333	50,130	47,058	52,802	41,325	47,297	(44,311)
10. Net assets	238,091	260,173	241,960	244,179	247,557	248,727	247,700	248,927	248,747	(249,903)
11. Total	287,127	306,942	286,000	298,136	298,349	296,405	301,280	291,074	296,880	(295,033)

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

(transactions; millions of euros)

	2016	2017	2018	2019 May	2019 June	2019 July	2019 Aug.	2019 Sept.	2019 Oct.	2019 Nov.
Assets										
1. Deposits and loans	-1,388	2,345	3,544	2,527	-335	-1,314	-247	-2,325	-361	(1,069)
2. Securities issued by residents.....	1,548	2,372	-625	-1,919	-14	669	-870	559	-861	(333)
2.1 of which: General government	1,379	-2,157	-65	-1,942	-160	475	-671	379	-730	(230)
2.1a BOTs	106	104	3,238	110	-215	304	177	2,364	1,161	(1,655)
2.1b CTZs	74	558	-616	-919	91	496	277	327	-414	(-296)
2.1c CCTs	662	218	-1,637	-37	-201	129	-1	-477	114	(-485)
2.1d BTPs	676	-2,748	675	-1,061	434	-147	-1,071	-1,831	-1,910	(-655)
2.1e Other gov. securities	-139	-291	-1,728	-35	-269	-307	-53	-3	319	(11)
2.2 of which: Non-financial corporations	174	2,502	52	66	-115	16	-220	24	-62	(31)
2.3 of which: Banks	-237	1,306	-733	49	315	211	48	65	-2	(81)
2.4 of which: Other financial intermediaries	232	723	120	-91	-54	-33	-26	91	-67	(-10)
3. Securities issued by non-residents	960	6,515	-6,687	-266	187	-1,178	362	418	420	(539)
3.1 of which: General government	-2,667	2,394	-1,731	-601	-420	-1,083	-25	-183	46	(440)
4. Shares	-1,439	5,160	3,829	-177	-209	-382	417	-504	228	(-238)
4.1 Issued by residents	15	3,065	1,444	-144	123	-73	134	-111	-58	(-149)
4.1a of which: quoted	130	3,055	1,370	-135	132	-82	134	-99	-31	(-123)
4.2 Issued by non-residents	-1,454	2,094	2,383	-33	-332	-308	284	-393	286	(-89)
5. Investment fund units	4,157	3,909	-3,085	-1,278	568	-10	-116	1,234	759	(-960)
5.1 Issued by residents	1,287	955	417	240	-21	87	38	95	207	(-7)
5.2 Issued by non-residents	2,871	2,955	-3,503	-1,517	590	-97	-153	1,140	552	(-953)
6. Other financial assets	5,620	-5,462	-852	6,407	-3,657	-1,362	5,548	-10,775	5,442	(-3,882)
7. Total	9,456	14,840	-3,874	5,294	-3,459	-3,578	5,095	-11,392	5,628	(-3,139)
Liabilities										
8. Deposits and loans	-430	-178	426	176	39	-42	157	43	15	(-18)
9. Other liabilities	5,234	-2,502	-2,649	6,973	-2,907	-3,071	5,657	-10,681	5,877	(-2,912)
10. Net subscriptions	4,651	17,520	-1,652	-1,855	-591	-465	-720	-754	-265	(-209)
11. Total	9,456	14,840	-3,874	5,294	-3,459	-3,578	5,095	-11,392	5,628	(-3,139)

Italian market of investment funds: net assets and net subscriptions

(millions of euros)

	2016	2017	2018	2018-Q1	2018-Q2	2018-Q3	2018-Q4	2019-Q1	2019-Q2	2019-Q3
Net assets										
1. Investment funds of resident intermediaries	440,122	493,618	486,960	494,818	500,917	493,651	486,960	502,686	509,140	(517,838)
2. Investment funds under Italian law	300,865	327,764	320,114	327,335	329,662	327,570	320,114	326,674	329,265	330,811
2.1 Open-end funds.....	242,904	264,260	245,148	263,832	260,447	258,356	245,148	251,708	249,365	250,911
2.1a monetary funds.....	4,813	4,087	3,189	3,785	3,320	2,906	3,189	2,414	1,808	1,985
2.1b equity funds.....	20,238	22,732	19,866	21,907	22,710	23,442	19,866	22,208	22,109	22,306
2.1c bond funds.....	103,268	109,106	97,168	106,770	102,590	99,347	97,168	99,450	99,830	100,615
2.1d mixed funds.....	107,042	120,572	117,382	123,614	124,015	124,995	117,382	120,159	118,377	118,655
2.1e hedge funds.....	7,543	7,763	7,543	7,756	7,812	7,666	7,543	7,477	7,242	7,350
2.2 Close-end funds.....	57,961	63,503	74,966	63,503	69,215	69,215	74,966	74,966	79,899	79,899
2.2a real estate funds.....	43,837	49,931	56,592	49,931	52,738	52,738	56,592	56,592	59,324	59,324
2.2b equity funds.....	14,124	13,572	18,374	13,572	16,476	16,476	18,374	18,374	20,575	20,575
2.2c hedge funds.....	..	..	..	..	..	..	..	..	..	..
3. Investment funds under foreign law	139,257	165,855	166,846	167,483	171,255	166,081	166,846	176,012	179,875	(187,028)
4. Investment funds of non-resident intermediaries	548,076	609,923	570,613	604,899	603,745	606,438	570,613	611,959	624,048	(633,913)
5. Total.....	988,198	1,103,542	1,057,573	1,099,717	1,104,662	1,100,089	1,057,573	1,114,646	1,133,188	(1,151,751)
Net subscriptions										
1. Investment funds of resident intermediaries	23,794	50,569	18,531	3,821	7,110	-841	8,441	-501	-352	(1,473)
2. Investment funds under Italian law	11,798	25,090	6,396	2,916	2,817	-1,697	2,360	-3,823	-1,597	-1,762
2.1 Open-end funds.....	3,503	16,791	-2,549	2,916	-895	-1,697	-2,873	-3,823	-4,733	-1,762
2.1a monetary funds.....	-1,150	-726	-899	-303	-465	-414	283	-925	-606	176
2.1b equity funds.....	-1,660	543	-52	-193	277	392	-528	-197	-382	-359
2.1c bond funds.....	2,448	5,709	-6,559	-1,365	-2,616	-2,220	-358	-1,021	-1,594	-1,086
2.1d mixed funds.....	4,063	11,068	4,801	4,739	1,803	606	-2,347	-1,513	-2,372	-676
2.1e hedge funds.....	-198	198	157	38	104	-63	78	-168	222	181
2.2 Close-end funds.....	8,295	8,299	8,946	..	3,713	..	5,233	..	3,136	..
2.2a real estate funds.....	4,171	4,839	5,964	..	2,187	..	3,777	..	1,860	..
2.2b equity funds.....	4,125	3,460	2,982	..	1,526	..	1,456	..	1,276	..
2.2c hedge funds.....	..	..	..	..	..	..	..	..	..	..
3. Investment funds under foreign law	11,997	25,477	12,134	905	4,292	856	6,081	3,322	1,245	(3,235)
4. Investment funds of non-resident intermediaries	14,877	31,294	-14,592	3,566	-3,442	-218	-14,498	-2,443	-1,104	(2,828)
5. Total.....	38,670	81,862	3,939	7,387	3,668	-1,059	-6,057	-2,944	-1,456	(4,301)

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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).

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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.tesoro.it/en/debito_pubblico/titoli_di_stato/index.html.

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

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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

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