



BANCA D'ITALIA  
EUROSISTEMA

# Financial Stability Report

APPENDIX

Number 1 / 2024  
April



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## SYMBOLS AND CONVENTIONS

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Unless otherwise specified, Bank of Italy calculations; for Bank of Italy data, the source is omitted.

In the tables:

- the phenomenon does not exist;
- .... the phenomenon exists but its value is not known;
- .. the value is nil or less than half of the final digit shown;
- :: not statistically significant;
- () provisional.

In the figures with different right- and left-hand scales, the right-hand scale is identified in the notes.

For the abbreviations of the names of countries used in this publication please refer to the EU's Interinstitutional Style Guide (<https://publications.europa.eu/code/en/en-5000600.htm>).

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Table A1

Financial sustainability indicators (per cent of GDP, unless otherwise specified)												
GDP (1) (annual growth rate)		Characteristics of public debt (2)					Gen. govt. primary surplus (2)	S2 sustainability indicator (3)	Private sector financial debt (4)		External position statistics (5)	
		Level		Average residual life of govt. securities (years)		Non-residents' share (% of public debt)			Households	Non-financial firms	Current account balance	Net international investment position
2024	2025	2024	2025	2024	2023		2024	2023				
Italy	0.7	0.7	139.2	140.4	7.0	25.4	-0.6	0.9	37.8	63.1	0.5	7.4
Germany	0.2	1.3	63.7	62.3	6.8	40.8	-0.7	2.0	52.1	69.9	5.9	70.4
France	0.7	1.4	111.6	112.8	8.2	45.3	-2.9	3.1	63.1	150.8	-0.7	-29.4
Spain	1.9	2.1	106.3	104.9	7.9	38.3	-0.8	5.9	46.9	81.7	2.6	-52.8
Netherlands	0.6	1.3	47.7	48.2	8.8	36.3	-1.3	4.5	87.7	117.6	10.1	71.8
Belgium	1.2	1.2	105.4	107.1	10.1	48.5	-2.7	6.7	58.6	130.2	-1.0	65.2
Austria	0.4	1.6	75.4	75.4	12.1	55.4	-1.6	3.3	44.9	90.4	2.7	16.6
Finland	0.4	1.9	80.0	82.6	7.5	43.9	-3.2	3.3	63.1	114.9	-1.4	5.2
Greece	2.0	1.9	158.8	152.0	....	....	2.1	-1.7	41.8	55.0	-6.3	-140.5
Portugal	1.7	2.1	94.7	90.8	7.8	44.3	2.5	-1.4	55.2	82.9	1.4	-72.5
Ireland	1.5	2.5	41.2	38.6	10.3	53.0	2.1	4.0	27.7	138.2	9.9	-105.9
Euro area	0.8	1.5	88.7	88.3	....	....	-1.2	3.0	53.6	95.4	0.6	4.1
United Kingdom	0.5	1.5	104.3	106.4	14.0	24.1	-2.3	....	80.6	64.3	-2.2	-25.9
United States	2.7	1.9	123.3	126.6	5.8	26.2	-3.3	....	73.1	78.4	-3.0	-66.4
Japan	0.9	1.0	254.6	252.6	8.4	12.1	-6.4	....	66.2	115.0	3.4	75.7
Canada	1.2	2.3	104.7	102.1	6.0	19.7	-0.5	....	102.4	117.2	-0.6	48.0

Sources: BIS, ECB, European Commission, IMF.

(1) IMF, *World Economic Outlook*, April 2024. – (2) IMF, *Fiscal Monitor*, April 2024. – (3) European Commission, *Debt Sustainability Monitor 2023*, April 2024. S2 is a sustainability indicator defined as the immediate and permanent increase in the structural primary surplus that is necessary to meet the general government inter-temporal budget constraint. – (4) Loans and securities. Data for the euro-area countries are from ECB, Statistical Data Warehouse and refer to the end of Q4 2023; data for the United Kingdom and non-European countries are from the Bank for International Settlements (BIS) statistics and refer to the end of Q3 2023. – (5) Data for the euro-area countries are from Eurostat and refer to the end of Q4 2023. Data for the United Kingdom and non-European countries are from IMF Data Warehouse and refer to 2023 for the current account balance and to the end of Q3 2023 for the net international position as a percentage of GDP for 2023.

Table A2

**Credit quality: amounts, rates and coverage ratios of non-performing loans**  
(billions of euros and per cent)

	Significant banks					Less significant banks					Total (1)				
	Gross exposures	Net exposures	Gross percentage share	Net percentage share	Coverage ratio (2)	Gross exposures	Net exposures	Gross percentage share	Net percentage share	Coverage ratio (2)	Gross exposures	Net exposures	Gross percentage share	Net percentage share	Coverage ratio (2)
<b>December 2023 (3)</b>															
<b>Loans (4)</b>	<b>1,743</b>	<b>1,710</b>	<b>100</b>	<b>100.0</b>	<b>1.9</b>	<b>193</b>	<b>188</b>	<b>100.0</b>	<b>100.0</b>	<b>2.6</b>	<b>2,206</b>	<b>2,161</b>	<b>100.0</b>	<b>100.0</b>	<b>2.0</b>
<i>Performing</i>	1,702	1,691	97.7	98.9	0.7	182	180	94.1	95.9	0.7	2,145	2,131	97.3	98.6	0.7
<i>of which: stage 2 (5)</i>	176	168	10.1	9.8	4.8	18	18	9.5	9.4	3.7	212	202	9.6	9.4	4.7
<i>Non-performing</i>	41	19	2.4	1.1	53.7	11	8	6.0	4.1	32.2	60	30	2.7	1.4	49.7
Bad loans	13	3	0.7	0.2	74.6	5	3	2.7	1.8	36.5	21	8	1.0	0.4	63.9
Unlikely-to-pay	25	14	1.5	0.8	45.8	5	3	2.6	1.8	32.8	34	19	1.6	0.9	43.9
Past-due	3	2	0.2	0.1	31.8	1	1	0.6	0.6	10.2	5	4	0.2	0.2	28.7
<b>June 2023</b>															
<b>Loans (4)</b>	<b>1,795</b>	<b>1,760</b>	<b>100</b>	<b>100.0</b>	<b>2.0</b>	<b>190</b>	<b>184</b>	<b>100.0</b>	<b>100.0</b>	<b>3.4</b>	<b>2,248</b>	<b>2,200</b>	<b>100.0</b>	<b>100.0</b>	<b>2.1</b>
<i>Performing</i>	1,752	1,740	97.6	98.9	0.7	179	176	93.9	95.7	1.6	2,184	2,168	97.2	98.6	0.8
<i>of which: stage 2 (5)</i>	176	168	9.8	9.5	4.6	18	17	9.5	9.5	3.3	211	202	9.4	9.2	4.5
<i>Non-performing</i>	43	20	2.4	1.1	54.1	12	8	6.1	4.3	31.8	63	32	2.8	1.4	49.9
Bad loans	14	4	0.8	0.2	73.8	5	3	2.7	1.7	38.3	23	8	1.0	0.4	64.0
Unlikely-to-pay	27	14	1.5	0.8	46.1	5	4	2.7	2.0	30.5	36	20	1.6	0.9	43.9
Past-due	3	2	0.2	0.1	29.8	1	1	0.6	0.6	9.7	5	3	0.2	0.2	26.6

Sources: Supervisory reports, on a consolidated basis for banking groups and on an individual basis for the rest of the system.

(1) Includes subsidiaries of foreign banks that are classified as neither Italian significant banks nor Italian less significant banks, and account for about 12 per cent of total gross customer loans. Excludes branches of foreign banks. – (2) The coverage ratio is measured as the ratio of loan loss provisions to the corresponding gross exposure. – (3) Provisional data. – (4) Includes loans to customers, credit intermediaries and central banks. – (5) Based on the IFRS 9 accounting standard, stage 2 includes loans whose credit risk has increased significantly since initial recognition.

Table A3

**Italian banks' NPL rates and coverage ratios by business model**  
(per cent)

	Non-performing			Bad loans			Unlikely-to-pay			Past-due		
	Gross share	Net share	Coverage ratio	Gross share	Net share	Coverage ratio	Gross share	Net share	Coverage ratio	Gross share	Net share	Coverage ratio
<b>December 2023 (1)</b>												
Significant banks	2.4	1.1	53.7	0.7	0.2	74.6	1.5	0.8	45.8	0.2	0.1	31.8
Less significant banks	6.0	4.1	32.2	2.7	1.8	36.5	2.6	1.8	32.8	0.6	0.6	10.2
Traditional banks	4.3	2.2	50.1	1.6	0.5	68.0	2.4	1.5	42.1	0.3	0.2	20.1
Banks specialized in managing NPLs	21.1	20.1	8.7	12.8	12.2	8.8	7.2	6.8	9.1	1.1	1.0	5.6
Other specialized banks	5.8	4.6	21.4	2.7	2.0	27.0	1.6	1.2	26.7	1.5	1.4	5.6
<b>Total banking system (2)</b>	<b>2.7</b>	<b>1.4</b>	<b>49.7</b>	<b>1.0</b>	<b>0.4</b>	<b>63.9</b>	<b>1.6</b>	<b>0.9</b>	<b>43.9</b>	<b>0.2</b>	<b>0.2</b>	<b>28.7</b>
<b>June 2023</b>												
Significant banks	2.4	1.1	54.1	0.8	0.2	73.8	1.5	0.8	46.1	0.2	0.1	29.8
Less significant banks	6.1	4.3	31.8	2.7	1.7	38.3	2.7	2.0	30.5	0.6	0.6	9.7
Traditional banks	4.5	2.4	49.0	1.7	0.6	67.3	2.5	1.5	40.9	0.3	0.3	16.6
Banks specialized in managing NPLs	21.2	22.7	6.8	12.5	13.4	7.0	7.8	8.3	6.7	0.9	1.0	5.6
Other specialized banks	5.3	4.2	21.3	2.2	1.5	32.8	1.5	1.2	21.8	1.6	1.5	5.4
<b>Total banking system (2)</b>	<b>2.8</b>	<b>1.4</b>	<b>49.9</b>	<b>1.0</b>	<b>0.4</b>	<b>64.0</b>	<b>1.6</b>	<b>0.9</b>	<b>43.9</b>	<b>0.2</b>	<b>0.2</b>	<b>26.6</b>

Source: Harmonized FINREP reports, on a consolidated basis for banking groups and on an individual basis for the rest of the system. This includes all the system's banks.

(1) Provisional data. – (2) The total includes Italian subsidiaries of foreign banks that are classified as neither significant nor less significant banks.

Table A4

Italian banks' non-performing loans and guarantees by counterparty sector (1) (billions of euros; per cent; December 2023)							
	Gross exposures	Share of total gross loans (2)	Net exposures	Share of total net loans (2)	Collateral (3)	Personal guarantees (3)	Coverage ratio for unsecured loans
<b>Firms (4)</b>							
Non-performing loans to customers	32	5.0	15	2.4	12	5	51.3
of which: manufacturing	6	3.6	3	1.7	1	1	51.0
construction (5)	5	9.9	2	4.4	2	1	56.3
services	18	5.2	8	2.5	7	3	49.9
of which: bad loans	12	1.8	4	0.6	4	3	65.2
of which: manufacturing	2	1.3	1	0.4	1	0	63.7
construction (5)	2	4.0	1	1.2	1	1	71.7
services	6	1.9	2	0.6	2	1	63.4
<b>Consumer households</b>							
Non-performing loans to customers	13	2.3	6	1.2	7	1	63.5
of which: bad loans	4	0.7	1	0.2	1	1	73.9
<b>Total (6)</b>							
Non-performing loans to customers	49	3.3	23	1.6	19	7	52.9
of which: bad loans	17	1.1	5	0.4	5	3	66.9

Source: Individual supervisory reports.

(1) The data are from non-consolidated balance sheets that do not include loans granted by financial corporations belonging to a banking group or by foreign subsidiaries of Italian groups. Includes 'non-current assets and groups of assets held for sale'. Provisional data. – (2) Calculated, gross and net of the relative loan loss provisions, as a percentage of the total corresponding gross and net exposures to the individual sector or sub-sector. – (3) The amounts correspond to the gross exposure that is collateralized or backed by personal guarantees. – (4) In addition to manufacturing, construction and services, the 'firms' sector also comprises agriculture, forestry, fishing and industrial activities other than manufacturing. – (5) Includes real estate activities. – (6) Includes general government, financial and insurance corporations, non-profit institutions serving households, and non-classifiable and unclassified entities.



Table A5

Exposures of Italian groups and banks to foreign residents by counterparty sector (1) (billions of euros; per cent; December 2023)								
	Public sector	Banks	Financial corporations	Households and firms	Total	Percentage change in the total compared with the end of the previous half of the year	Per cent of total exposures reported to the BIS (2)	Per cent of total exposures (3)
Euro area (excluding Italy)	184.9	62.0	68.1	211.9	526.9	-3.1	8.1	20.0
Other industrialized countries	44.0	15.9	31.8	37.2	128.9	1.8	0.9	4.9
of which: United Kingdom	0.5	2.5	14.9	7.3	25.2	0.1	1.2	1.0
Emerging and developing countries	72.0	12.4	4.5	88.4	177.4	0.4	2.8	6.7
Europe	57.3	6.3	3.3	79.3	146.1	0.8	14.7	5.5
of which: Russia	4.0	1.2	0.3	4.3	9.7	-16.1	22.8	0.4
Turkey	0.3	0.6	0.1	1.2	2.1	-4.1	1.9	0.1
Africa and the Middle East	11.1	1.9	0.7	4.5	18.2	-4.7	2.9	0.7
Asia and Pacific	2.4	3.7	0.5	2.4	8.9	0.4	0.2	0.3
Central and South America	1.3	0.5	0.1	2.3	4.1	12.9	0.3	0.2
of which: Argentina	-	-	-	0.0	0.0	0.0	0.0	0.0
Brazil	0.1	0.3	-	1.1	1.5	11.9	0.4	0.1
Mexico	0.3	0.1	0.0	0.7	1.0	15.7	0.2	0.0
Offshore financial centres	0.3	0.5	3.1	4.1	8.1	-13.3	0.0	0.3
<b>Total</b>	<b>301.3</b>	<b>90.8</b>	<b>107.5</b>	<b>341.6</b>	<b>841.2</b>	<b>-1.8</b>	<b>159.9</b>	<b>31.9</b>
<i>Memorandum item:</i>								
Energy-exporting emerging and developing countries (4)	10.1	2.8	1.0	6.3	20.2	-11.9	0.3	0.8

Sources: Consolidated supervisory reports for banking groups, individual supervisory reports for the rest of the system.

(1) Exposures to 'ultimate borrowers', gross of loan loss provisions. Does not include BancoPosta and Cassa Depositi e Prestiti SpA. – (2) As a percentage of the total foreign exposures to each country reported to the Bank for International Settlements (BIS) by a large set of international banks. The numerator and denominator refer to 30 September 2023. – (3) Total exposures to residents and non-residents. The numerator and denominator refer to 31 December 2023. –

(4) Includes: Algeria, Angola, Azerbaijan, Bahrain, Bolivia, Brunei, Chad, Colombia, Democratic Republic of the Congo, Ecuador, Equatorial Guinea, Gabon, Iran, Iraq, Kazakhstan, Kuwait, Libya, Nigeria, Oman, Qatar, Russia, Saudi Arabia, Sudan, Timor-Leste, Trinidad and Tobago, Turkmenistan, United Arab Emirates, Venezuela and Yemen.

Table A6

Investment by Italian and euro-area banks in public sector securities issued in the banks' country of residence (1) (millions of euros; per cent)						
	Italy (2)			Euro area		
	Stocks	Net purchases	Share of total assets (3)	Stocks	Net purchases	Share of total assets
2013	375,081	45,331	10.9	1,313,179	46,354	4.3
2014	383,645	-4,299	11.0	1,370,728	6,792	4.4
2015	364,361	-20,898	10.6	1,295,539	-67,495	4.2
2016	333,329	-26,646	9.8	1,205,130	-89,282	3.9
2017	283,742	-46,708	8.5	1,074,168	-119,982	3.5
2018	318,449	43,974	9.7	1,054,143	-8,157	3.4
2019	313,699	-17,420	9.4	1,030,973	-44,658	3.2
2020	343,615	22,200	10.0	1,145,291	96,399	3.3
2021	342,011	2,267	9.6	1,092,366	-80,807	3.0
2022	319,442	7,281	9.0	1,056,272	15,601	2.7
2023 – Jan.	323,328	712	9.1	1,073,775	6,157	2.7
Feb.	327,216	5,511	9.2	1,096,714	27,561	2.7
Mar.	324,517	-5,600	9.2	1,093,902	-7,772	2.8
Apr.	323,987	455	9.1	1,093,100	-441	2.8
May	315,657	-8,943	8.9	1,074,879	-19,117	2.7
June	310,280	-7,429	9.1	1,076,002	968	2.7
July	312,445	1,288	9.1	1,066,803	-9,820	2.7
Aug.	307,682	-4,879	9.1	1,077,433	10,481	2.7
Sept.	299,760	-3,539	8.8	1,071,793	2,096	2.7
Oct.	294,197	-3,907	8.6	1,063,324	-7,108	2.7
Nov.	290,969	-6,642	8.5	1,070,186	-418	2.7
Dec.	294,160	-790	8.7	1,070,719	-7,769	2.7
2024 – Jan.	284,912	-9,025	8.4	1,069,262	852	2.7
Feb.	286,450	2,641	8.4	1,090,669	23,518	2.7

Sources: Individual supervisory reports and ECB.

(1) The data on net purchases refer to the whole period; the data on stocks and share of total assets refer to the end of the period. Purchase amounts are shown net of variations in market prices; holdings are shown at market value. All public sector securities are counted, including those issued by local government authorities. – (2) Cassa Depositi e Prestiti SpA is excluded. – (3) The 'total assets' series does not include bond repurchases.

Table A7

**Italian banks' bonds by holder and maturity (1)**  
(millions of euros; February 2024)

	Maturity				Total
	by 2024	in 2025	between 2026 and 2030	2031 or beyond	
Households (2)	5,790	11,859	48,721	3,467	69,836
of which: senior non preferred bonds	4	54	861	61	979
subordinated bonds	311	773	1,885	1,609	4,578
Banks in the issuer's group (3)	1,104	3,180	15,988	568	20,840
of which: senior non preferred bonds	–	–	–	–	–
subordinated bonds	17	62	512	309	900
Other Italian banks	3,550	3,546	21,949	1,682	30,726
of which: senior non preferred bonds	102	613	1,750	243	2,709
subordinated bonds	43	38	680	456	1,217
Other investors	24,129	33,087	109,504	38,558	205,278
of which: senior non preferred bonds	370	2,130	13,735	3,385	19,620
subordinated bonds	2,286	460	9,339	12,648	24,733
<b>Total</b>	<b>34,572</b>	<b>51,671</b>	<b>196,162</b>	<b>44,274</b>	<b>326,680</b>
of which: senior non preferred bonds	476	2,797	16,346	3,689	23,308
subordinated bonds	2,657	1,332	12,416	15,021	31,427

Source: Individual supervisory reports.

(1) Data are indicated at nominal value and refer to bonds entered on the liability side, net of buybacks by the issuer. Rounding may cause discrepancies in the totals. – (2) Consumer and producer households and non-profit institutions serving households. Only resident customers. – (3) Resident banks belonging to the issuer's banking group.

Table A8

**Composition of the assets deposited with the Bank of Italy  
as collateral for Eurosystem credit operations (collateral pool) (1)**  
(billions of euros; end-of-period values)

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 March
<b>Total</b>	<b>253.7</b>	<b>297.3</b>	<b>321.2</b>	<b>310.5</b>	<b>285.8</b>	<b>436.1</b>	<b>513.5</b>	<b>433.4</b>	<b>267.5</b>	<b>204.4</b>
Government securities	97.6	88.8	105.8	78.0	68.1	129.4	156.9	87.7	33.3	26.7
Local and regional government securities	2.6	1.7	1.9	1.3	0.5	0.8	2.0	1.2	0.4	0.4
Uncovered bank bonds	5.8	5.3	5.4	5.0	3.3	5.4	7.4	5.2	4.2	3.8
Government-guaranteed bank bonds	0.4	0.3	1.3	2.5	1.0	0.6	0.6	0.5	0.2	0.1
Covered bonds	46.4	76.3	76.8	91.3	86.1	99.8	107.3	99.8	32.6	15.5
Non-bank bonds	2.5	3.0	3.0	4.3	3.7	4.9	10.0	8.1	5.3	4.9
Asset-backed securities	35.5	44.0	49.9	49.7	47.7	45.5	61.8	59.7	43.9	13.2
Other marketable assets	0.6	0.8	2.8	1.3	1.8	2.6	6.3	4.5	1.7	2.3
Non-negotiable assets (bank loans)	62.4	77.1	74.3	77.1	73.6	147.1	161.2	166.7	145.9	137.5

Source: based on Eurosystem data.

(1) The collateral pool is valued at the prices taken from the Common Eurosystem Pricing Hub, net of haircuts.

Table A9

Liquidity indicators of Italian banks (1) (per cent)			
	LCR (2)	Net liquidity position at 1 month (3)	NSFR (4)
Significant banks	173.2	26.4	129.4
Less significant banks	275.4	25.2	147.6
<b>Total banking system</b>	<b>182.7</b>	<b>25.8</b>	<b>131.3</b>

Sources: Consolidated supervisory reports for banking groups and individual supervisory reports for the rest of the system.

(1) Data updated to December 2023. – (2) The average liquidity coverage ratio is calculated as the ratio between total high-quality liquid assets and total net cash outflows over a 30-day horizon (see the Basel Committee on Banking Supervision, [Basel III. The liquidity coverage ratio and liquidity risk monitoring tools](#), Bank for International Settlements, January 2013). – (3) The net liquidity position is equal to the ratio of the sum of highly liquid assets and net outflows to the total value of the assets. For significant and less significant banks, the figure is calculated as the simple average of the liquidity positions of the individual banks. – (4) The net stable funding ratio is the ratio of the available stable funding (calculated by multiplying an entity's liabilities and own funds by the factors that reflect their stability over a 1-year horizon) to the stable funding requirement (calculated by multiplying the assets and off-balance-sheet items by the factors that reflect their liquidity characteristics and residual maturities over the same time horizon). This requirement is designed to ensure that banks have sufficient stable funding to meet their funding needs over a 1-year horizon under both normal and stressed conditions, as set out in Regulation (EU) 2019/876 (Capital Requirements Regulation II or CRR II).

Table A10

Italian banks' net liquidity position (1) (monthly average share of total assets)						
	Significant groups			Less significant groups		
	Cumulative cash flow (2)	Counterbalancing capacity	Liquidity indicator (3)	Cumulative cash flow (2)	Counterbalancing capacity	Liquidity indicator (3)
2020 – Jan.	-1.1	18.6	17.5	-5.9	21.4	15.5
Feb.	-0.4	18.7	18.2	-5.9	22.1	16.1
Mar.	-0.8	18.5	17.7	-4.8	22.3	17.5
Apr.	-1.4	19.6	18.3	-4.4	22.6	18.2
May	-2.8	22.6	19.8	-6.5	25.3	18.7
June	-4.2	24.4	20.3	-7.3	26.1	18.8
July	-0.9	21.9	21.1	-4.5	25.0	20.5
Aug.	-0.9	22.4	21.6	-4.0	25.6	21.3
Sept.	-0.4	22.6	22.1	-3.6	25.1	21.5
Oct.	0.1	21.1	21.2	-2.7	23.7	21.0
Nov.	0.1	21.9	22.0	-1.9	23.3	21.5
Dec.	-0.5	22.0	21.5	-2.1	23.6	21.4
2021 – Jan.	-1.0	21.7	20.7	-3.0	23.6	20.6
Feb.	-0.7	22.0	21.3	-1.2	23.0	21.8
Mar.	0.2	21.6	21.8	-0.2	24.7	24.5
Apr.	0.5	21.0	21.5	1.4	25.3	26.7
May	0.2	22.0	22.2	0.2	26.3	26.5
June	-0.0	22.3	22.3	-0.3	26.7	26.4
July	0.2	22.2	22.4	-0.3	25.3	25.0
Aug.	-0.2	23.1	22.9	-0.7	25.6	24.9
Sept.	-0.3	22.9	22.6	-1.7	26.5	24.8
Oct.	-0.7	22.3	21.6	-1.5	25.0	23.5
Nov.	-0.2	22.4	22.2	-1.4	24.6	23.1
Dec.	-0.4	21.8	21.4	-2.2	25.4	23.2
2022 – Jan. (4)	-1.0	25.8	24.8	-2.5	25.3	22.8
Feb.	-1.5	26.3	24.8	-3.4	26.1	22.7
Mar.	-2.0	27.0	25.0	-3.0	25.6	22.5
Apr.	-3.2	27.7	24.5	-5.0	26.7	21.6
May	-3.8	28.4	24.6	-5.6	26.3	20.7
June	-4.1	27.9	23.8	-4.6	24.6	20.0
July	-4.1	27.5	23.4	-5.4	24.1	18.7
Aug.	-3.5	27.1	23.6	-6.4	24.2	17.8
Sept.	-2.7	26.1	23.4	-6.6	23.8	17.2
Oct.	-3.4	26.4	23.0	-7.0	23.5	16.5
Nov.	-3.7	27.4	23.8	-7.3	23.3	16.1
Dec.	-4.9	28.7	23.8	-7.6	23.3	15.8
2023 – Jan.	-4.8	28.1	23.3	-7.3	23.2	15.9
Feb.	-4.5	28.2	23.7	-6.0	22.8	16.8
Mar.	-4.8	28.7	23.9	-6.2	23.1	16.9
Apr.	-4.8	29.0	24.2	-5.9	23.0	17.0
May	-5.3	30.2	24.8	-5.6	23.1	17.5
June	-9.2	33.6	24.4	-8.9	26.3	17.4
July	-6.0	29.9	23.9	-6.0	23.8	17.8
Aug.	-6.2	29.8	23.7	-6.1	24.2	18.1
Sept.	-6.3	30.6	24.2	-7.2	26.0	18.8
Oct.	-5.8	30.6	24.8	-6.1	26.4	20.3
Nov.	-5.3	30.7	25.4	-5.4	26.7	21.3
Dec.	-5.3	31.5	26.2	-7.5	29.1	21.6
2024 – Jan.	-5.2	31.5	26.4	-4.0	26.4	22.4
Feb.	-5.0	31.9	26.9	-4.6	27.4	22.8
Mar.	-6.3	33.4	27.0	-6.6	30.0	23.4

Source: Data transmitted to the Bank of Italy by a sample of banking intermediaries for periodic monitoring of their liquidity positions.

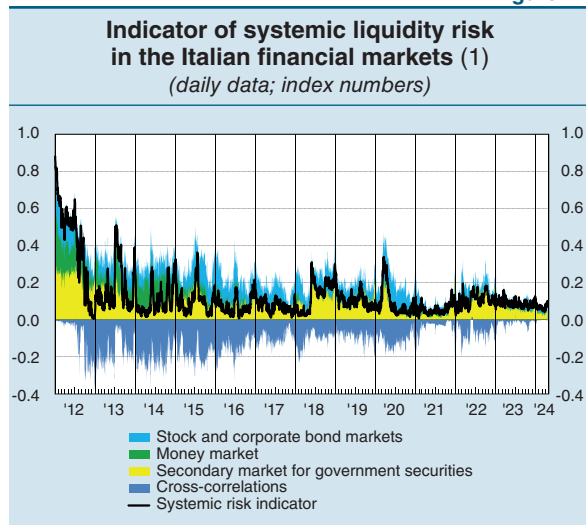
(1) Monthly averages based on weekly reports for significant banks (significant institutions, or SI, supervised directly by the ECB) and for a sample of less significant banks (less significant institutions, or LSI, supervised by the Bank of Italy in cooperation with the ECB). On prudential grounds it is assumed there is no rollover of maturing obligations towards institutional counterparties. – (2) Calculated as the (positive or negative) difference between outflows (negative sign) and inflows (positive sign). The calculation of outflows includes maturing obligations towards institutional clients and banks' estimates of expected retail customer outflows. – (3) Calculated as the (positive or negative) difference between the holdings of freely available assets eligible for use as collateral for Eurosystem refinancing operations (counterbalancing capacity) and cumulative expected net cash flows over the next 30 days. – (4) Effective on 1 January 2022, Fineco and Mediolanum are no longer in the LSI sample and are now included in the SI sample.

Table A11

Recent macroprudential policy decisions of the Bank of Italy			
DATE (1)	Decision	Capital requirement for this year (per cent)	Fully phased-in capital requirement (per cent) (2)
26.4.2024	Activation of the systemic risk buffer	–	1.0 (2025)(3)
22.3.2024	Setting of the CCyB rate for the second quarter of 2024	0.0	–
22.3.2024	Decision not to reciprocate a macroprudential measure adopted by Belgium	–	–
22.12.2023	Setting of the CCyB rate for the first quarter of 2024	0.0	–
1.12.2023	Annual identification of Italian global systemically important institutions (G-SIIs) (4)	–	–

(1) The dates given are those on which the decisions were published. For the full list, see the Bank of Italy's website: '[Macroprudential policy decisions of the Bank of Italy](#)'. – (2) In brackets, the year of full implementation. – (3) The buffer has a target rate equal to 1.0 per cent of credit and counterparty risk-weighted exposures to Italian residents. The requirement will come into effect on 30 June 2025. A phase-in period will start on 31 December 2024, during which the CCyB rate will be set at 0.5 per cent. – (4) There are no banks in Italy identified as global systemically important institution (G-SII). The UniCredit group, which had been classified as G-SII in 2023, is thus no longer required to hold a capital reserve for G-SIIs, previously set at 1 per cent of total risk weighted assets.

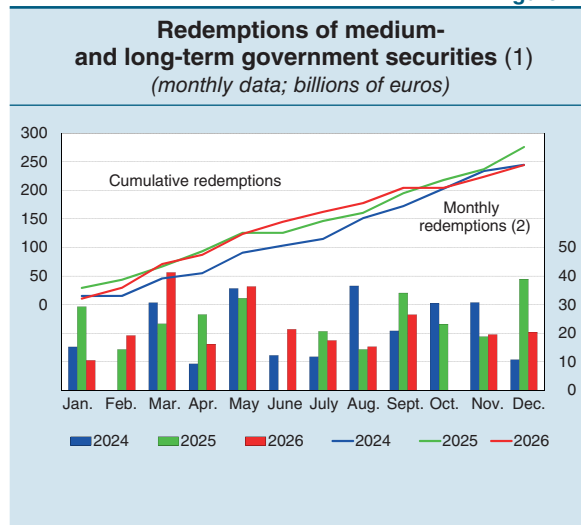
Figure A1



Sources: Based on data from the Bank of Italy, Bloomberg, Moody's Analytics, MTS SpA, and LSEG.

(1) The systemic risk indicator measures the combined risk in the money market, the secondary market for government securities, and the stock and corporate bond markets. The index range is from 0 (minimum risk) to 1 (maximum risk). The graph also shows the contributions to the systemic risk indicator of the individual markets and the correlations between them. For the methodology used in constructing the indicator, see *Financial Stability Report*, 1, 2014.

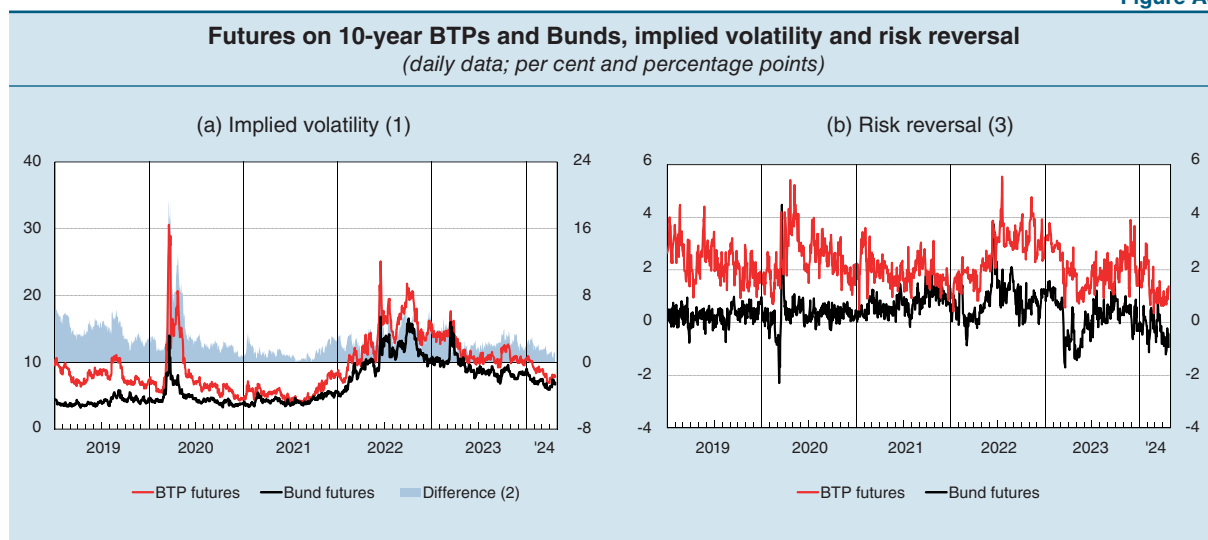
Figure A2



Sources: Based on data from the Bank of Italy and the Ministry of Economy and Finance. Data updated to 4 April 2024.

(1) Government securities (including those placed in the international markets) with maturity at issue of more than one year. Excludes the tranches issued by the Ministry of Economy and Finance to establish its own securities portfolio to be used exclusively for repos. Redemptions of indexed BTPs are not revalued for inflation. – (2) Right-hand scale.

Figure A3



Source: Based on Bloomberg data.

(1) Implied volatility in the prices of at-the-money options on 10-year BTP and Bund futures with maturity at 30 days. – (2) Right-hand scale. – (3) Difference between the implied volatility of put and call option prices on active 10-year BTP and Bund futures with the same relative change in the strike price in relation to the underlying price (moneyness) and with the same residual maturity (1 month).



Figure A4

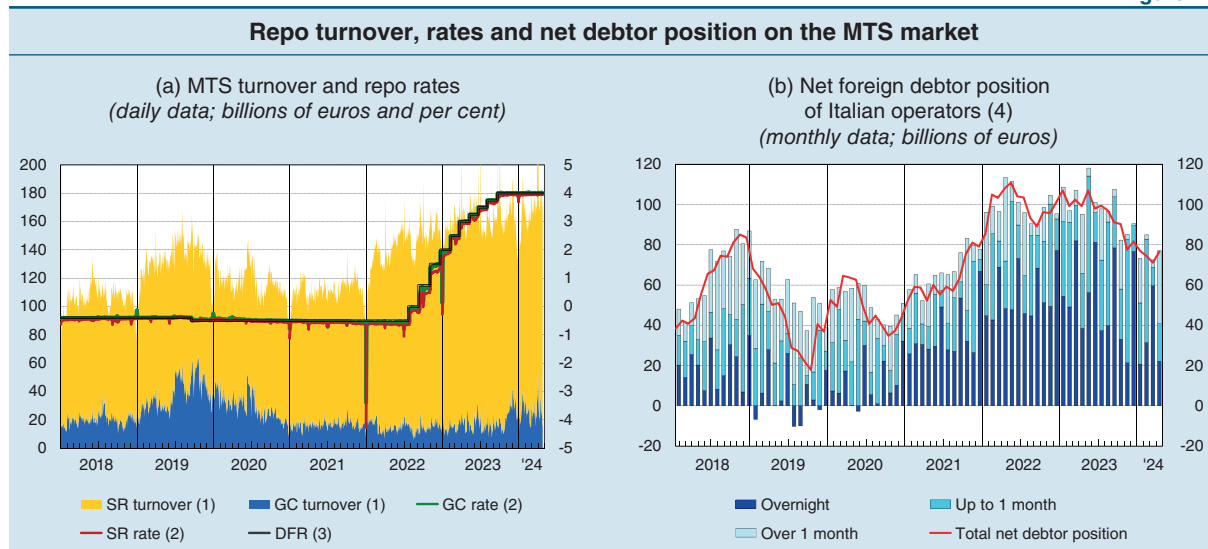
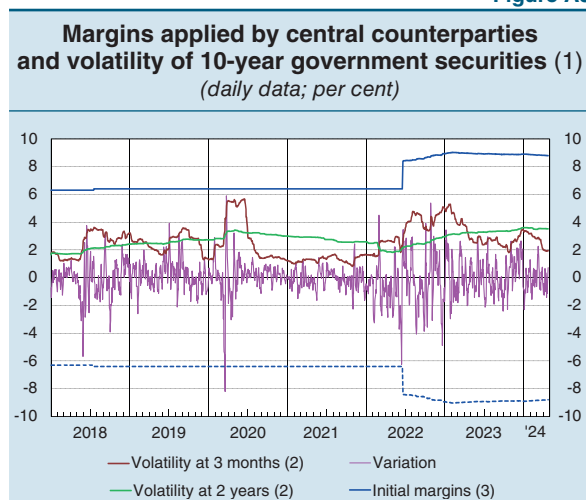


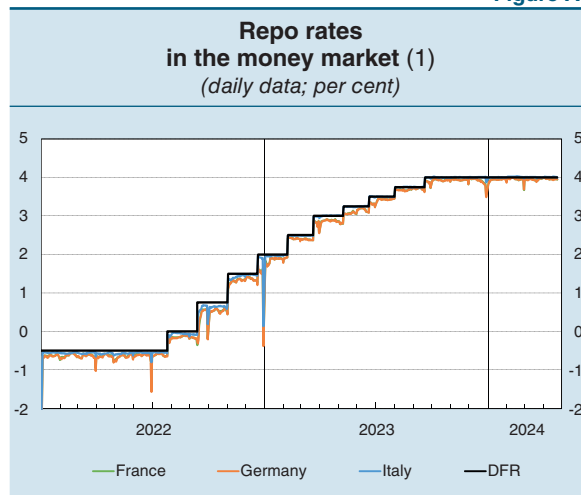
Figure A5



Source: Calculations based on LSEG data.

(1) 5-day variations in the price of the benchmark 10-year Italian government bond (BTP). – (2) The volatility indicators are based on the value-at-risk (VaR) methodology and calculated with reference to a period of 3 months and 2 years, with a confidence interval of 99 per cent. – (3) Unit value of the initial margins relative to securities maturing in 10 years. The dashed line, which is the mirror image of the continuous line, indicates the adequacy of the margin requirements to cope with the negative price fluctuations actually recorded in the market. Since 20 June 2022 (dashed vertical line) the unit value of the margins applied to the bond sector has been estimated based on the new methodology adopted by Euronext Clearing starting on that date. According to this new methodology, the requirements are determined based on a simulation of past losses and gains referring to the individual portfolios of the participants, by applying a measure of risk that estimates expected shortfalls in the most adverse scenarios. Following the change of methodology, the total of the margins applied to the sector has changed in line with expectations.

Figure A6



Source: Based on CME Group data.

(1) 1-day euro-area government bond repo rates traded in the general collateral segment, on BrokerTec or MTS platforms.

