

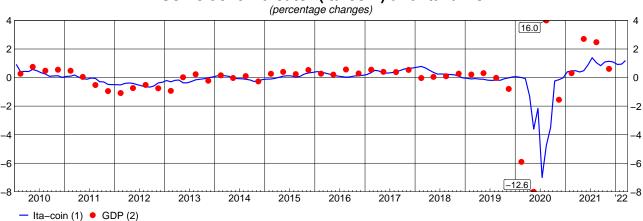
BANCA D'ITALIA

Number 4 2022 April

E U R O S I S T E M A

CONTENTS

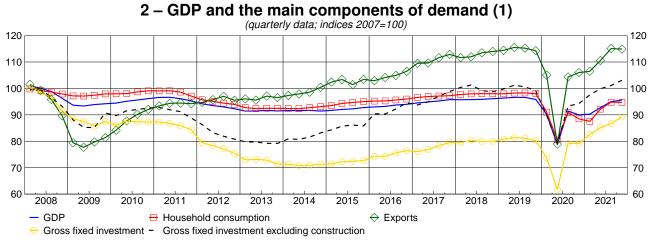
	Economic activity and labor market	2
	1 Coincident indicator (Ita-coin) and Italian GDP	
	2 GDP and the main components of demand	
	3 GDP, national demand, foreign trade	
_ <u> </u>	4 Industrial production and business confidence	
- - -	5 Firms' assessment of the conditions for investing	
- ä	 Household confidence index and unemployment expectations Household income and saving 	
S	7 Household income and saving8 Main labour market indicators	
U U	9 Contractual earnings and labour costs per hour worked	
	Prices	5
P	10 Consumer price inflation and contributions of the main components	
	11 Indicators of inflation	
- d	12 House prices and sales	
- 2	Exports, price competitiveness and balance of payments	6
• •	13 Value of goods exports	
	14 Indicators of competitiveness	
	15 Balance of payments	
	16 Current account balance and its main components17 TARGET2 balance and cumulative balance of payments flows	
<u> </u>	18 Net international investment position	
5		
	Households' and firms' financial conditions	9
်	19 Financial debt of households	
Ŭ	20 Indicators of firms' borrowing	
.=	21 Firms' financial debt	
	Qualities and hereixe	10
- 2	Credit and banks	10
Ĭ	22 Bank lending to the private sector23 Interest rates on new loans	
	24 Credit access conditions for firms	
	25 Growth in bank funding: contributions of the various components	
	26 Banks' funding gap	
H	27 New non-performing loan rates	
<u> </u>	28 Non-performing loans	
	29 Banks' investment in Italian public sector securities	
H	30 Main profit and loss items of banks	
	31 Capitalization of banks and banking groups32 Share prices and CDS spreads of listed banks	
5		
eral for Economics, Statistics and Research	The public finances and government debt financing conditions	16
	33 Main public finance indicators	
	34 Main public finance indicators (European comparison)	
<u> </u>	35 Government securities – stocks	
U I	36 Average cost and average residual maturity of the public debt	
	37 Government benchmark securities: gross yields at maturity	
E E	38 Yield spreads between euro-area countries and German 10-year government bond	IS
orate Gen	Macroeconomic projections	19
H		19
	39 Growth and inflation forecasts	



1 – Coincident indicator (Ita-coin) and Italian GDP

Source: Bank of Italy.

1) Monthly estimates of changes in GDP on the previous quarter net of the most erratic components. Further details are available on the Bank of Italy's website: 'Ita-coin coincident cyclical indicator' https://www.bancaditalia.it/statistiche/tematiche/indicatori/indicatore-ciclico-coincidente/index.html?com.dotmarketing.htmlpage.language=1. Since November 2019, the dataset used for the Ita-coin estimate has been expanded with new data on services, which has meant adjusting the indicator profile. – (2) Quarterly data; percentage change on previous quarter.



Source: Based on Istat data.

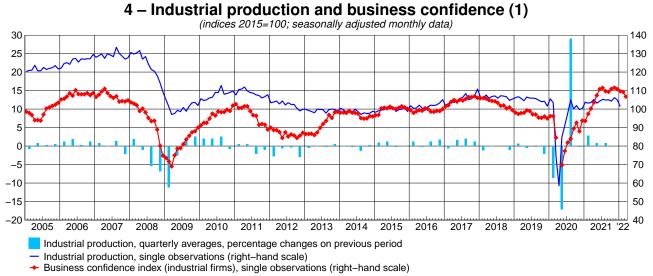
(1) Chain-linked volumes adjusted for seasonal and calendar effects.

	Gross domestic product	Gross fixed investment	Resident household and NPISH consumption (2)	Government consumption	Total national demand (3)	Exports of goods and services	Imports of goods and services
2018	0.9	3.1	0.9	0.1	1.3	2.1	3.4
2019	0.5	1.2	0.2	-0.5	-0.2	1.6	-0.7
2020	-9.0	-9.1	-10.6	0.5	-8.5	-13.4	-12.1
2021	6.6	17.0	5.2	0.6	6.6	13.3	14.2
2021 - Q1	0.3	4.4	-1.1	0.0	1.2	0.5	3.8
2021 - Q2	2.7	3.1	5.3	-0.4	2.4	3.8	2.8
2021 - Q3	2.5	1.8	2.8	-0.1	1.9	4.1	2.1
2021 - Q4	0.6	2.8	-0.1	0.5	1.7	-0.2	3.6

3 – GDP, national demand, foreign trade (1)

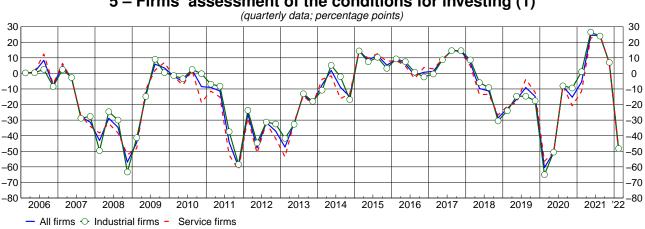
Source: Istat.

(1) Chain-linked volumes; quarterly data are adjusted for seasonal and calendar effects. - (2) Non-profit institutions serving households. - (3) Including changes in inventories and valuables.



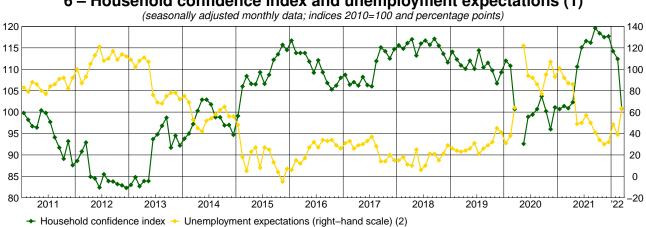
Source: Based on Istat data.

(1) Following the operational difficulties linked to the Covid-19 emergency, the survey on Business confidence index for April 2020 was not conducted.



5 - Firms' assessment of the conditions for investing (1)

Source: Bank of Italy, Survey on Inflation and Growth Expectations (in collaboration with II Sole 24 Ore up to October 2018). (1) Balance of positive and negative responses compared with the previous quarter.



6 – Household confidence index and unemployment expectations (1)

Source: Based on Istat data.

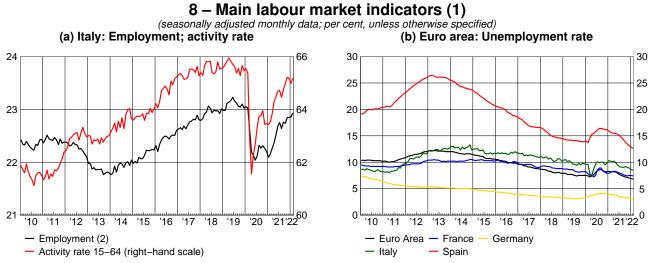
(1) Following the operational difficulties linked to the Covid-19 emergency, the survey for April 2020 was not conducted. In June 2013 Istat introduced methodological changes and so, as a result, subsequent data cannot be directly compared with those preceding that date. - (2) Balances of positive responses ('high', 'increasing') and negative responses ('low', 'decreasing').



7 – Household income and saving

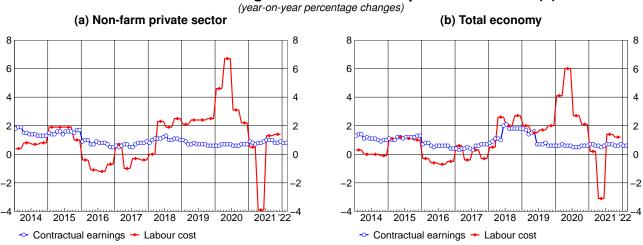
Source: Based on Istat data.

(1) Net of the variation in the final consumption expenditure deflator for resident households. Indices: 2015=100. – (2) Consumer households' savings as a percentage of gross disposable income; 4-term moving average.



Sources: (a) Istat's labour force survey; (b) Eurostat; for Italy, Istat's labour force survey. (1) On 1 January 2021, Istat started the new Labour Force survey, which includes a new definition of employment; the time series of the aggregates have

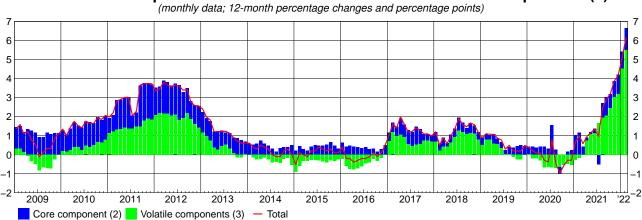
been back-recalculated on a provisional basis to enable time comparisons. – (2) Millions of persons.



9 – Contractual earnings and labour costs per hour worked (1)

Source: Istat's national accounts and contractual earnings survey.

(1) Raw monthly data for contractual earnings; seasonally adjusted quarterly data for hourly labour costs. Labour costs include gross wages and social security contributions.





Source: based on Eurostat data.

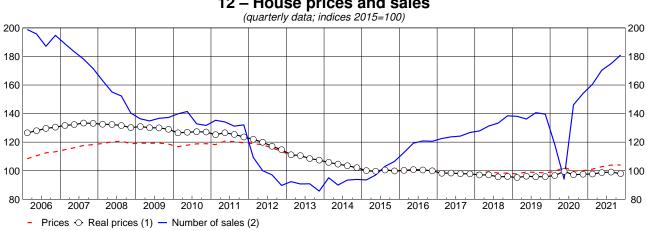
(1) Harmonized index of consumer prices. - (2) Includes non-food and non-energy products, and services. - (3) Includes food and energy products.

			HICP	(1)		PPI (2)
		Ita	ıly	Euro	Italy	
		Overall index	Excl. Energy and food	Overall index	Excl. Energy and food	Overall Index
2020		-0.1	0.5	0.3	0.7	-4.4
2021		1.9	0.8	2.6	1.5	13.0
2021 -	Apr.	1.0	0.3	1.6	0.7	8.2
	May	1.2	0.2	2.0	1.0	10.0
	June	1.3	0.3	1.9	0.9	11.0
	July	1.0	-0.9	2.2	0.7	13.5
	Aug.	2.5	0.8	3.0	1.6	13.8
	Sept.	2.9	1.4	3.4	1.9	15.6
	Oct.	3.2	1.2	4.1	2.0	25.3
	Nov.	3.9	1.3	4.9	2.6	27.3
	Dec.	4.2	1.5	5.0	2.6	28.3
2022 -	Jan.	5.1	1.3	5.1	2.3	41.8
	Feb.	6.2	1.7	5.9	2.7	41.4
	Mar. (3)	7.0	1.8	7.5	3.0	

11 – Indicators of inflation (monthly data; 12-month percentage changes)

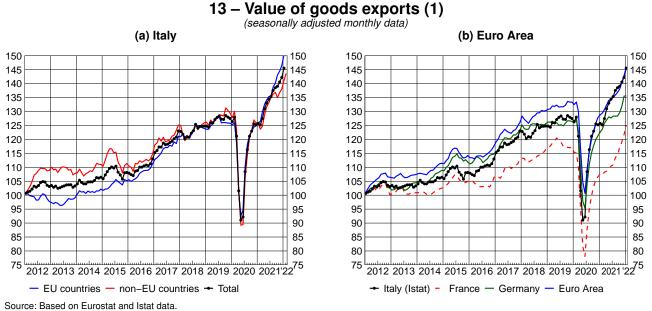
Source: based on Istat and Eurostat data.

(1) Harmonized index of consumer prices. - (2) Index of producer prices of industrial products sold on the domestic market. - (3) Preliminary data.

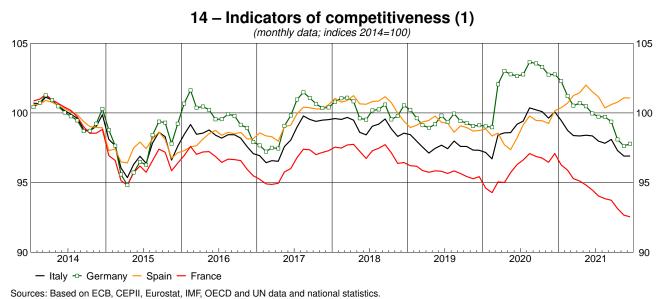


12 – House prices and sales

Sources: Based on data from Osservatorio del Mercato Immobiliare (OMI), Bank of Italy, Istat and Consulente Immobiliare. (1) House prices deflated by the consumer price index. - (2) Adjusted for seasonal and calendar effects.



(1) Indices: Q4 2011=100; 3-month moving averages. Starting from February 2020, the United Kingdom is included in the non-EU aggregate.

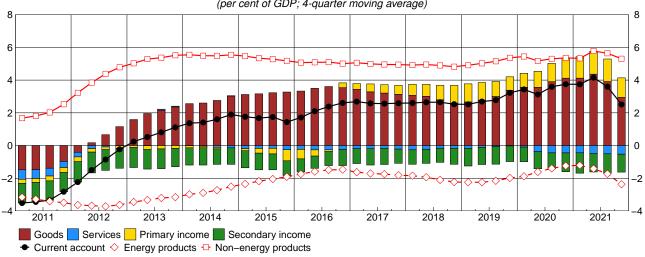


(1) In relation to 60 competitiveness. An increase in an index indicates a loss of competitiveness.

		Current	account		Net	Fi	Errors and omissions		
		Total	of which: Capital account		lending/bor- rowing to	Total		of w	
			Goods		the rest of the world		Portfolio invest- ment	Change in reserve assets	
		А		В	A+B	С			C-(A+B)
2018		44.8	45.9	-0.3	44.4	32.8	132.5	2.6	-11.6
2019		57.9	60.7	-1.8	56.1	54.3	-51.8	3.2	-1.8
2020		62.1	68.2	-0.7	61.4	62.7	108.5	4.0	1.3
2021		44.6	52.2	-2.3	42.4	26.3	123.9	20.7	-16.1
2021	Jan Jan.	0.9	2.1	-0.4	0.5	2.9	-8.6	-0.7	2.4
2022	Jan Jan.	-5.9	-4.4	-0.1	-6.0	-7.4	28.7	0.0	-1.4
2021 -	Jan.	0.9	2.1	-0.4	0.5	2.9	-8.6	-0.7	2.4
	Feb.	3.8	5.4	-0.5	3.3	5.0	4.1	0.3	1.7
	Mar.	3.1	5.9	-0.8	2.3	-1.8	8.5	-0.3	-4.0
	Apr.	6.4	6.9	-0.1	6.2	7.2	-8.3	0.6	0.9
	May	4.3	6.4	-0.1	4.1	2.0	22.0	0.5	-2.2
	June	5.2	6.6	0.2	5.4	2.0	10.0	1.4	-3.4
	July	8.4	8.5	-0.2	8.2	10.8	-13.5	0.3	2.6
	Aug.	4.5	2.3	-0.2	4.3	5.0	16.7	17.4	0.6
	Sept.	3.5	2.9	0.7	4.1	2.2	38.5	0.3	-2.0
	Oct.	2.0	2.8	-0.3	1.8	-0.7	10.1	0.4	-2.4
	Nov.	1.5	2.9	-0.3	1.2	2.0	28.9	0.2	0.8
	Dec.	1.0	-0.3	-0.1	0.9	-10.2	15.5	0.3	-11.1
2022 -	Jan.	-5.9	-4.4	-0.1	-6.0	-7.4	28.7	0.0	-1.4

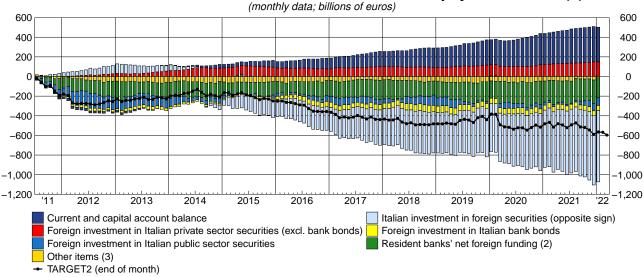
15 – Balance of payments (net balances; billions of euros)

Source: Bank of Italy.



16 – Current account balance and its main components (per cent of GDP; 4-quarter moving average)

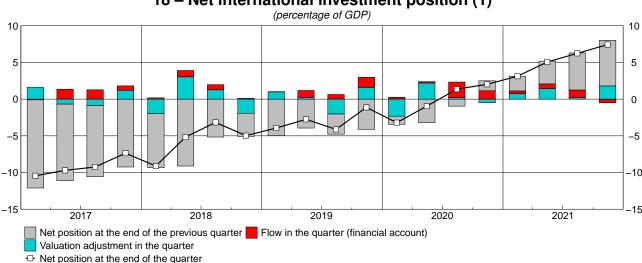
Source: Istat for GDP; based on Istat foreign trade data for the breakdown between energy and non-energy products.



17 – TARGET2 balance and cumulative balance of payments flows (1)

Source: Bank of Italy.

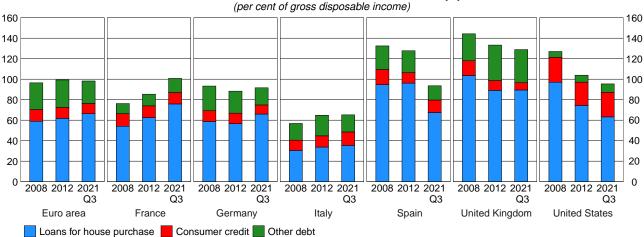
(1) Using the balance of payments accounting identity, an improvement in the Bank of Italy's debtor balance vis-à-vis the ECB in the TARGET2 payment system may reflect investment in Italy by n on-residents (greater liabilities), residents' disposals of foreign a ssets (lower a ssets) or a current a ccount and capital account surplus. Cumulative flows since J uly 2011 - (2) N et f unding in the form of loans, d eposits and o ther investments by the b anking sector, including those intermediated by resident central counterparties. – (3) Direct investment, financial derivatives, other investment, official reserves, errors and omissions.



18 – Net international investment position (1)

Source: Istat, for GDP.

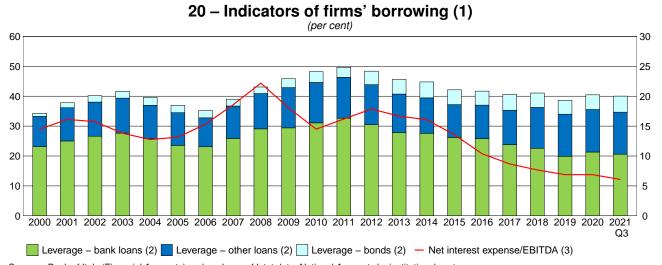
(1) The net position at the end of the quarter equals the net position at the end of the previous quarter corrected for financial account flows during the quarter and for valuation adjustments.



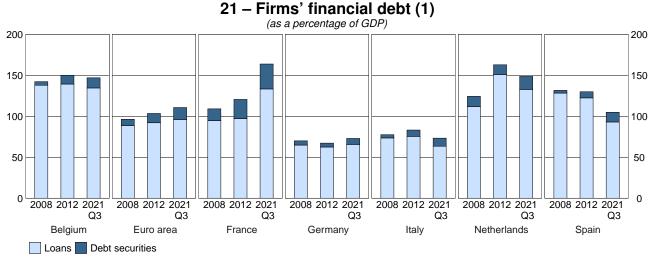
19 – Financial debt of households (1)

Sources: Bank of Italy and Istat for Italy, ECB for euro-area countries, Office for National Statistics and Bank of England for the United Kingdom, Federal Reserve System - Board of Governors and Bureau of Economic Analysis for the United States.

(1) Data refer to consumer and producer households; for the United States data refer to only consumer households. End-of-period data.

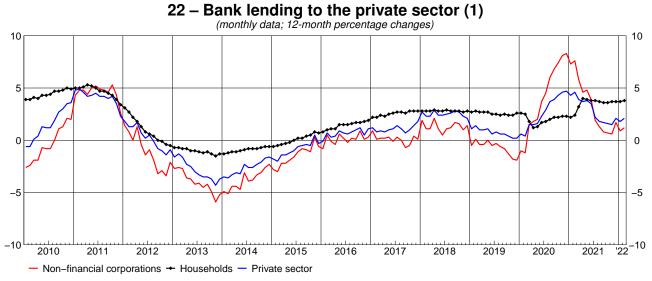


Sources: Bank of Italy (Financial Accounts) and analyses of Istat data, National Accounts by institutional sector. (1) Data refer to non-financial corporations sector. – (2) Leverage is calculated as the ratio of financial debts (bank loans, bonds, other loans) to the sum of financial debts and shareholders' equity at market prices. End-of-period data. – (3) 4-quarter cumulative data (right-hand scale).



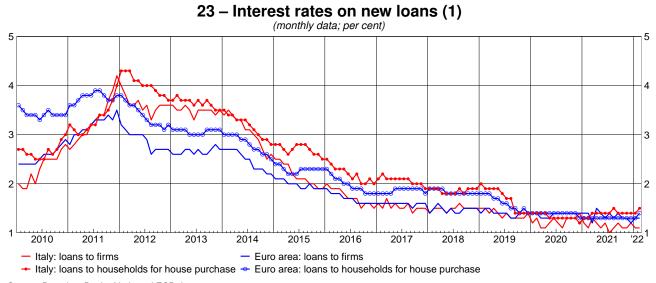
Source: based on ECB and Eurostat data.

(1) The data refer to the non-financial corporations sector. End-of-period data.



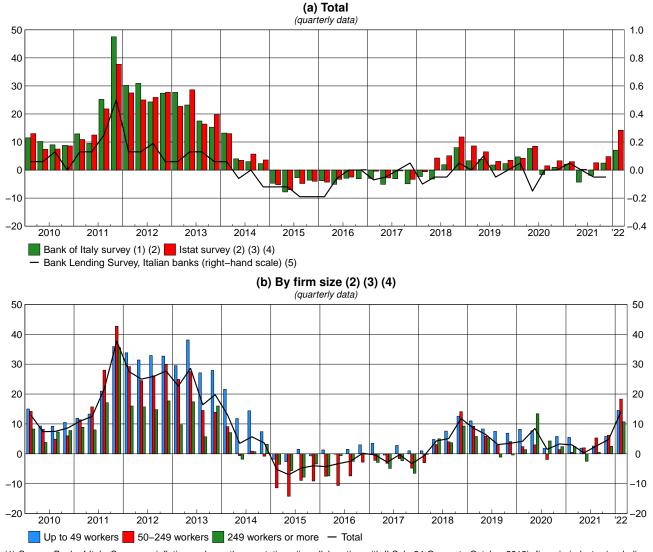
Source: Supervisory reports.

(1) Includes bad debts, repos and loans not recorded in banks' balance sheets because they have been securitized. The percentage changes are net of reclassifications, exchange rate variations, value adjustments and other variations not due to transactions; operations concluded with central counterparties are excluded.



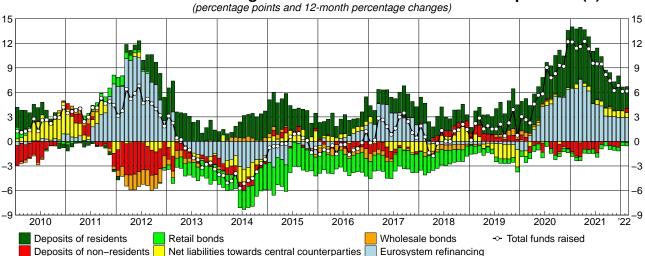
Source: Based on Bank of Italy and ECB data.

(1) Averages. Data refer only to transactions in euros and are gathered and processed using the Eurosystem's harmonized method.



24 - Credit access conditions for firms

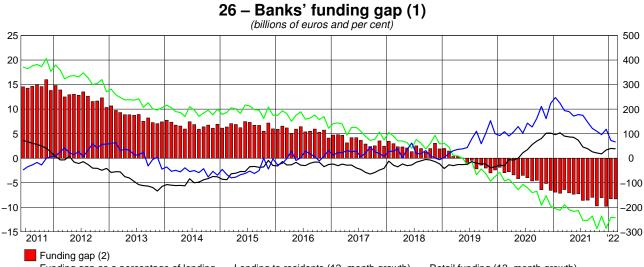
(1) Source: Bank of Italy, Survey on inflation and growth expectations (in collaboration with II Sole 24 Ore up to October 2018); firms in industry (excluding constructions) and services. – (2) Net percentage of firms reporting difficulty in obtaining credit. – (3) Source: Istat, Monthly business confidence survey in the manufacturing sector. – (4) Last survey in the quarter. – (5) Source: The euro area bank lending survey. Degree of credit supply tightening compared with the previous quarter (diffusion index).





Source: Supervisory reports.

(1) The sum of the contributions is equal to the percentage change over 12 months in the total funds raised. The percentage changes in the single components are calculated net of reclassifications, exchange-rate variations, value adjustments and other variations not due to transactions. Net liabilities towards central counterparties are the funds raised by way of repos with non-residents via central counterparties.



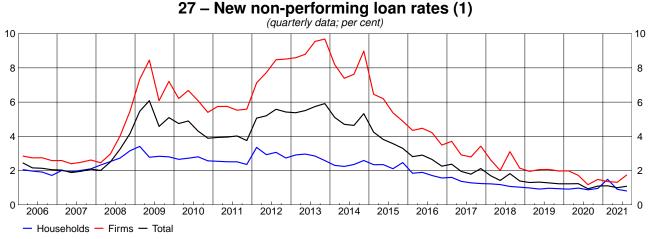
- Funding gap as a percentage of lending - Lending to residents (12-month growth) - Retail funding (12-month growth)

Source: Supervisory reports. Excludes Cassa Depositi e Prestiti and branches of foreign banks. (1) Difference between lending to residents and retail funding (residents' deposits plus bank bonds subscribed by households). – (2) Right-hand scale (billions).

Banca d'Italia, The Italian economy in brief, Number 4/2022

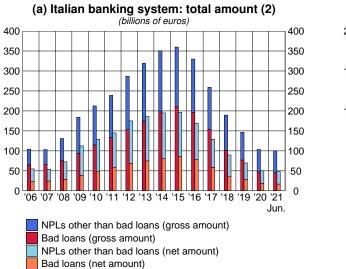


CREDIT AND BANKS

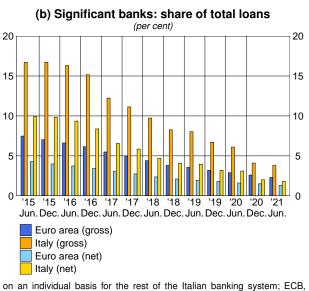


Source: Central Credit Register.

(1) Annualized quarterly flows of adjusted NPLs in relation to the stock of loans net of adjusted NPLs at the end of the previous quarter. Data seasonally adjusted where necessary.

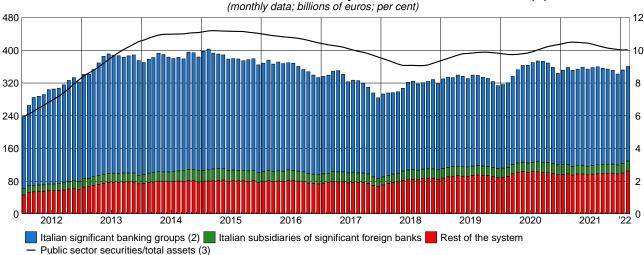


28 – Non-performing loans (1)



Sources: Supervisory reports, on a consolidated basis for banking groups and on an individual basis for the rest of the Italian banking system; ECB, Supervisory Banking Statistics for the euro area.

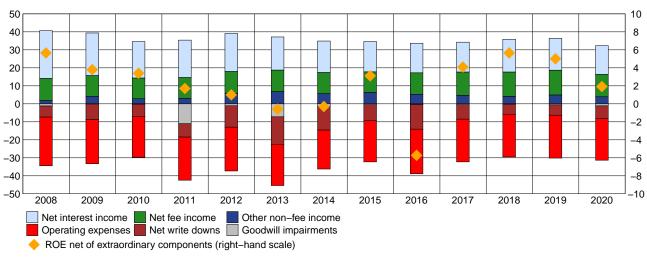
(1) Includes loans to customers, credit intermediaries and central banks. End of period data. Amounts and ratios are calculated net and gross of provisions. – (2) Includes banking groups and subsidiaries of foreign banks; excludes branches of foreign banks.



29 – Banks' investment in Italian public sector securities (1)

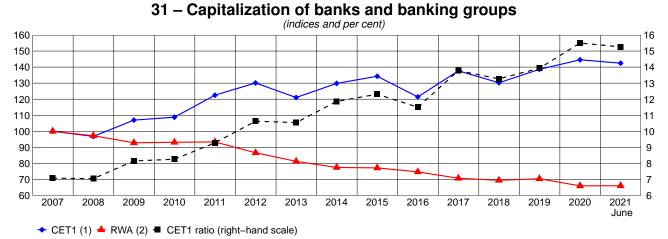
Source: Individual supervisory reports.

(1) All public sector securities, including those issued by local authorities. Excludes Cassa Depositi e Prestiti SpA. The stock of Italian public sector securities in portfolios was revised starting in 2013, following the extension of the perimeter of general government as defined by Istat in agreement with Eurostat. – (2) Includes the cooperative credit banks merged into cooperative credit banking groups. – (3) Twelve-month moving average ending in the month indicated. The series 'total assets' does not include repurchased self-issued bonds. Right-hand scale.



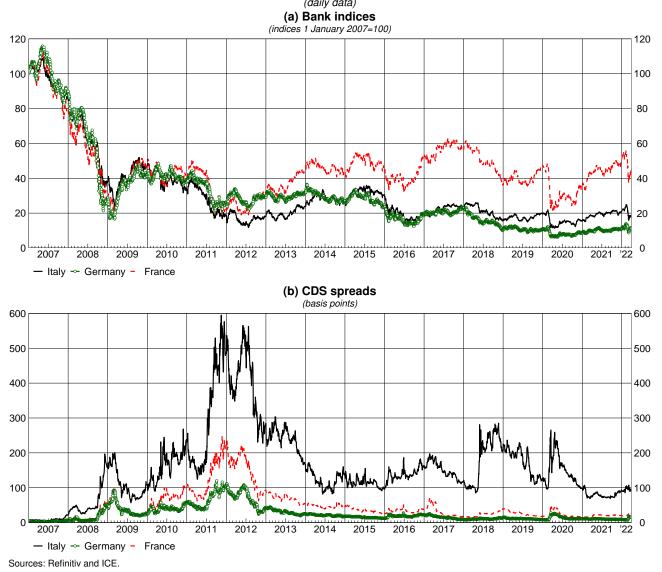
30 - Main profit and loss items of banks (1)

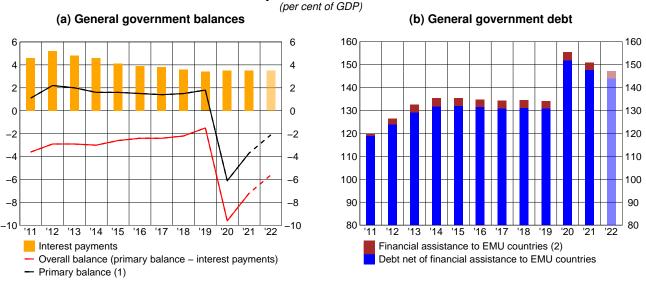
Sources: Consolidated supervisory reports for banking groups, individual supervisory reports for stand-alone banks. (1) As a ratio to average equity in the year; percentage points. For the definition of the items, see the Section Methodological Note of the Appendix of the 2020 Annual Report (available only in Italian).



Sources: Consolidated supervisory reports for banking groups, individual supervisory reports for stand-alone banks.

(1) Up to December 2013, the highest-quality capital component was the 'core tier 1'; from March 2014 it corresponds to CET1 ('common equity tier 1'). Index: 2007=100. – (2) 'Risk-Weighted Assets'. Index: 2007=100.





33 – Main public finance indicators

Source: for the period 2010-2021 Istat (for the items of general government consolidated accounts and GDP) and Bank of Italy (for debt); for the 2022 official targets Ministry of Economy and Finance - Economic and Financial Document (April 2022).

(1) Overall balance net of interest payments. - (2) Loans granted to countries belonging to the EMU, both bilaterally and via the European Financial Stability Facility (EFSF), and contribution to the European Stability Mechanism's (ESM) paid-in capital.

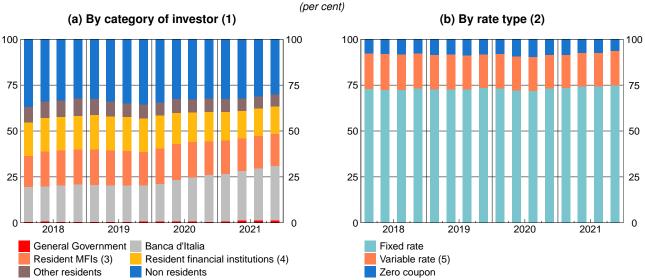
34 – Main public finance indicators (European comparison)

					(per ce	nt of GDF)						
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	Overall balance												
Italy	-3.6	-2.9	-2.9	-3.0	-2.6	-2.4	-2.4	-2.2	-1.5	-9.6	-7.2	-5.6	-3.9
France	-5.2	-5.0	-4.1	-3.9	-3.6	-3.6	-3.0	-2.3	-3.1	-9.1	-8.1	-5.3	-3.5
Germany	-0.9	0.0	0.0	0.6	1.0	1.2	1.3	1.9	1.5	-4.3	-6.5	-2.5	-0.5
Spain	-9.7	-10.7	-7.0	-5.9	-5.2	-4.3	-3.0	-2.5	-2.9	-11.0	-8.1	-5.2	-4.2
Euro area	-4.2	-3.7	-3.0	-2.5	-2.0	-1.5	-0.9	-0.4	-0.6	-7.2	-7.1	-3.9	-2.4
					Р	rimary b	alance (*	1)					
Italy	1.1	2.2	2.0	1.6	1.6	1.5	1.4	1.5	1.8	-6.1	-3.7	-2.1	-0.8
France	-2.4	-2.4	-1.8	-1.7	-1.6	-1.8	-1.2	-0.6	-1.6	-7.8	-6.9	-4.2	-2.5
Germany	1.6	2.3	1.9	2.2	2.4	2.3	2.4	2.8	2.3	-3.7	-5.9	-2.0	-0.1
Spain	-7.3	-7.7	-3.6	-2.5	-2.2	-1.6	-0.5	-0.1	-0.6	-8.7	-5.9	-3.1	-2.1
Euro area	-1.2	-0.7	-0.2	0.1	0.3	0.6	1.0	1.4	1.0	-5.7	-5.7	-2.7	-1.2
					(Gross pu	blic deb	t					
Italy	119.7	126.5	132.5	135.4	135.3	134.8	134.2	134.4	134.1	155.3	150.8	147.0	145.2
France	87.8	90.6	93.4	94.9	95.6	98.0	98.1	97.8	97.5	115.0	114.6	113.7	112.9
Germany	79.8	81.1	78.7	75.7	72.2	69.3	64.7	61.3	58.9	68.7	71.4	69.2	68.1
Spain	69.9	86.3	95.8	100.7	99.3	99.2	98.6	97.5	95.5	120.0	120.6	118.2	116.9
Euro area	88.4	92.7	94.9	95.1	93.1	92.2	89.6	87.5	85.5	99.3	100.0	97.9	97.0

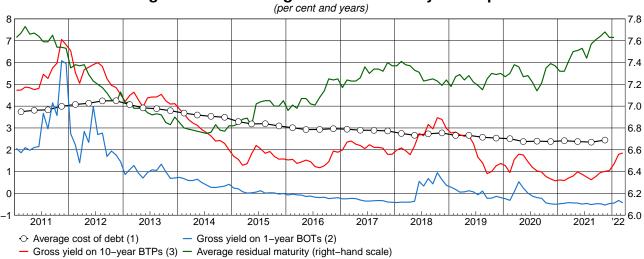
Source: for Italy for the period 2011-2021 Istat (for the items of general government consolidated accounts and GDP) and Bank of Italy (for debt); for the 2022-2023 official targets Ministry of Economy and Finance, Economic and Financial Document (April 2022). For other countries and for euro area: AMECO, European Commission, Autumn 2021 Economic Forecast (11 November 2021).

(1) Overall balance net of interest payments.

35 – Government securities – stocks



(1) Sources: Bank of Italy's Accounts, supervisory reports, External statistics. - (2) Source: the Securities Database. - (3) Excluding Banca d'Italia. - (4) Excluding Monetary financial institutions (MFIs). – (5) Includes BTP€i and BTP-Italia.



36 – Average cost and average residual maturity of the public debt

Source: Istat, for interest expense.

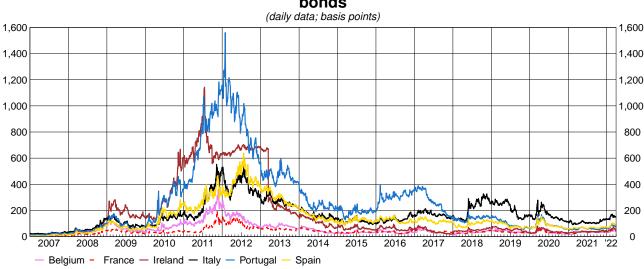
(1) Ratio between interest expense in the preceding 4 quarters and the stock of the debt at the end of the year-earlier quarter. - (2) The yield at issue is the average, weighted by the issue amounts allotted, of the compound allotment rates at the auctions settled during the month. - (3) Average monthly yield at maturity of the benchmark traded on the online government securities market.

		CTZs (2)	CTZs (2) BTPs							
		0.10(1)	3 year	5 year	10 year	30 year	CCTs			
2015		0.19	0.34	0.77	1.72	2.77	0.71			
2016		-0.03	0.08	0.46	1.48	2.56	0.53			
2017		-0.08	0.19	0.83	2.11	3.25	0.74			
2018		0.56	0.94	1.62	2.61	3.42	1.36			
2019		0.27	0.64	1.15	1.95	2.94	1.34			
2020		0.08	0.23	0.59	1.17	2.06	0.49			
2021			-0.19	0.10	0.81	1.73	-0.03			
2021 -	Mar.	-0.35	-0.23	0.05	0.70	1.64	-0.08			
	Apr.	-0.34	-0.18	0.11	0.80	1.78	-0.07			
	May	-0.33	-0.11	0.23	0.98	1.97	-0.04			
	June	-0.39	-0.20	0.11	0.87	1.85	-0.11			
	July	-0.45	-0.22	0.02	0.75	1.71	0.05			
	Aug.	-0.50	-0.28	-0.03	0.63	1.58	0.00			
	Sept.		-0.25	0.06	0.78	1.72	-0.01			
	Oct.		-0.15	0.19	0.95	1.82	-0.04			
	Nov.		-0.14	0.20	1.01	1.81	-0.01			
	Dec.		-0.07	0.26	1.05	1.82	0.03			
2022 -	Jan.		0.14	0.48	1.35	2.12	0.08			
	Feb.		0.53	0.93	1.79	2.43	0.10			
	Mar.		0.51	1.09	1.85	2.45	0.06			

37 – Government benchmark securities: gross yields at maturity (1) (percentage points, annual and monthly averages)

Source: Based on daily MTS data.

(1) The benchmark security for each category is the last security issued from the time it becomes the most heavily traded. (2) Starting from September 2021, the Treasury bond zero-coupon (CTZs) benchmark is no longer calculated.



38 – Yield spreads between euro-area countries and German 10-year government bonds

Sources: Based on Bloomberg data.

39 – Growth and inflation forecasts

(percentage change on previous period)

	Italy								
		Growth		Inflation (1)					
	2022	2023	2024	2022	2023	2024			
Bank of Italy (Jan.) (2)	3.8	2.5	1.7	3.5	1.6	1.7			
European Commission (Feb.) (3)	4.1	2.3	n.a.	3.8	1.6	n.a.			
IMF (Jan./Oct.) (4)	3.8	2.2	n.a.	1.8	1.2	1.2			
OECD (Dec.) (5)	4.6	2.6	n.a.	2.2	1.6	n.a.			
Consensus Economics (Mar.) (6)	3.4	2.0	n.a.	5.8	1.9	n.a.			
			Euro A	vrea					

		Growth		Inflation (1)			
	2022	2023	2024	2022	2023	2024	
Eurosystem/ECB (Mar.) (7)	3.7	2.8	1.6	5.1	2.1	1.9	
European Commission (Feb.) (3)	4.0	2.7	n.a.	3.5	1.7	n.a.	
IMF (Jan./Oct.) (4)	3.9	2.5	n.a.	1.7	1.4	1.5	
OECD (Dec.) (5)	4.3	2.5	n.a.	2.7	1.8	n.a.	
Consensus Economics (Mar.) (6)	3.2	2.3	n.a.	5.7	2.1	n.a.	

(1) Measured by the harmonized index of consumer prices. - (2) Economic Bulletin 1/2022, January 2022. GDP data adjusted for calendar effects. - (3) European Economic Forecast. Winter 2022 (Interim), February 2022. - (4) IMF World Economic Outlook Update, January 2022, for growth; IMF World Economic Outlook, October 2021, for inflation. - (5) OECD Economic Outlook, December 2021. GDP data adjusted for calendar effects. - (6) Consensus Forecasts, 17 March 2022. - (7) ECB staff macroeconomic projections for the euro area, March 2022. GDP data adjusted for calendar effects.